



|         |              |                   |              |                   |              |                   |              |                   |
|---------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|
| OPTIONS | Group        | A-41772-0002/0016 | Group        | A-41772-0463/0477 | Group        | A-41772-0480/0494 | Group        | A-41772-0036/0050 |
|         | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   |
|         | Pin No:      | 43294-0473        | Pin No:      | 43294-0470        | Pin No:      | 43294-0471        | Pin No:      | 43294-0526        |
|         | Plating:     | 197 – TIN         | Plating:     | 208 - 15 GOLD     | Plating:     | 228 - 30 GOLD     | Plating:     | 197 – TIN         |
|         | Pin Length L | 25.40 / 1.000     | Pin Length L | 25.40 / 1.000     | Pin Length L | 25.40 / 1.000     | Pin Length L | 26.92 / 1.060     |
|         | Mating M     | 14.86 / .585      | Mating M     | 14.86 / .585      | Mating M     | 14.86 / .585      | Mating M     | 16.43 / .647      |
|         | Gold Loc G   | N/A               | Gold Loc G   | 7.11/ .280        | Gold Loc G   | 7.11/ .280        | Gold Loc G   | N/A               |
|         | Height Y     | 4.95 / .195       | Height Y     | 4.95 / .195       | Height Y     | 4.95 / .195       | Height Y     | 4.95 / .195       |
|         | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.51 / .138       |
|         | Tin Loc T    | OVERALL           | Tin Loc T    | 4.06/ .160        | Tin Loc T    | 4.06/ .160        | Tin Loc T    | OVERALL           |
|         | Voided Ckts  | NONE              | Voided Ckts  | NONE              | Voided Ckts  | NONE              | Voided Ckts  | NONE              |
|         | Pack Per     | 417720000-PK      | Pack Per     | 417720000-PK      | Pack Per     | 417720000-PK      | Pack Per     | 417720000-PK      |
| Ckts    | Material No  | Engineer Number   | Material No  | Engineer Number   | Material No  | Engineer Number   | Material No  | Engineer Number   |
| 2       | 26-60-3020   | A-41772-0002      | 41772-0463   | A-41772-0463      | 41772-0480   | A-41772-0480      | 26-60-3021   | A-41772-0036      |
| 3       | 26-60-3030   | A-41772-0003      | 41772-0464   | A-41772-0464      | 41772-0481   | A-41772-0481      | 26-60-3031   | A-41772-0037      |
| 4       | 26-60-3040   | A-41772-0004      | 41772-0465   | A-41772-0465      | 41772-0482   | A-41772-0482      | 26-60-3041   | A-41772-0038      |
| 5       | 26-60-3050   | A-41772-0005      | 41772-0466   | A-41772-0466      | 41772-0483   | A-41772-0483      | 26-60-3051   | A-41772-0039      |
| 6       | 26-60-3060   | A-41772-0006      | 41772-0467   | A-41772-0467      | 41772-0484   | A-41772-0484      | 26-60-3061   | A-41772-0040      |
| 7       | 26-60-3070   | A-41772-0007      | 41772-0468   | A-41772-0468      | 41772-0485   | A-41772-0485      | 26-60-3071   | A-41772-0041      |
| 8       | 26-60-3080   | A-41772-0008      | 41772-0469   | A-41772-0469      | 41772-0486   | A-41772-0486      | 26-60-3081   | A-41772-0042      |
| 9       | 26-60-3090   | A-41772-0009      | 41772-0470   | A-41772-0470      | 41772-0487   | A-41772-0487      | 26-60-3091   | A-41772-0043      |
| 10      | 26-60-3100   | A-41772-0010      | 41772-0471   | A-41772-0471      | 41772-0488   | A-41772-0488      | 26-60-3101   | A-41772-0044      |
| 11      | 26-60-3110   | A-41772-0011      | 41772-0472   | A-41772-0472      | 41772-0489   | A-41772-0489      | 26-60-3111   | A-41772-0045      |
| 12      | 26-60-3120   | A-41772-0012      | 41772-0473   | A-41772-0473      | 41772-0490   | A-41772-0490      | 26-60-3121   | A-41772-0046      |
| 13      | 26-60-3130   | A-41772-0013      | 41772-0474   | A-41772-0474      | 41772-0491   | A-41772-0491      | 26-60-3131   | A-41772-0047      |
| 14      | 26-60-3140   | A-41772-0014      | 41772-0475   | A-41772-0475      | 41772-0492   | A-41772-0492      | 26-60-3141   | A-41772-0048      |
| 15      | 26-60-3150   | A-41772-0015      | 41772-0476   | A-41772-0476      | 41772-0493   | A-41772-0493      | 26-60-3151   | A-41772-0049      |
| 16      | 26-60-3160   | A-41772-0016      | 41772-0477   | A-41772-0477      | 41772-0494   | A-41772-0494      | 26-60-3161   | A-41772-0050      |

|                         |                         |                  |                  |                                                                   |                    |                     |                  |
|-------------------------|-------------------------|------------------|------------------|-------------------------------------------------------------------|--------------------|---------------------|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                  | <u>TITLE:</u>                                                     |                    |                     | <u>SHEET No.</u> |
| N                       | <u>EC No.:</u>          | 105925           |                  | KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS |                    |                     | - 2 -            |
|                         | <u>DATE:</u>            | 8/25/2016        |                  |                                                                   |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> |                         | <u>DOC TYPE:</u> | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                                      | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| SDA- 41772              |                         | PSD              | 002              | BAPPELDORN                                                        | MKIPPER            | FSMITH              |                  |

|         |              |                             |                             |                             |                             |                             |                             |                             |
|---------|--------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| OPTIONS | Group        | A-41772-0497/0511           | Group                       | A-41772-0514/0528           | Group                       | A-41772-0019/0033           | Group                       | A-41772-0070/0084           |
|         | Header No:   | 41770-0002/0016             | Header No:                  | 41770-0002/0016             | Header No:                  | 41770-0002/0016             | Header No:                  | 41770-0002/0016             |
|         | Pin No:      | 43294-0524                  | Pin No:                     | 43294-0525                  | Pin No:                     | 43294-0474                  | Pin No:                     | 43294-0598                  |
|         | Plating:     | 208 – 15 GOLD               | Plating:                    | 228 – 30 GOLD               | Plating:                    | 241 – GOLD                  | Plating:                    | 197-TIN                     |
|         | Pin Length L | 26.92/ 1.060                | Pin Length L                | 26.92/ 1.060                | Pin Length L                | 25.40/ 1.000                | Pin Length L                | 28.70 / 1.130               |
|         | Mating M     | 16.51 / .650                | Mating M                    | 16.51 / .650                | Mating M                    | 14.86 / .585                | Mating M                    | 17.73/ .698                 |
|         | Gold Loc G   | 8.77/ .345                  | Gold Loc G                  | 8.77/ .345                  | Gold Loc G                  | 7.11/ .280                  | Gold Loc G                  | N/A                         |
|         | Height Y     | 4.95 / .195                 | Height Y                    | 4.95 / .195                 | Height Y                    | 4.95 / .195                 | Height Y                    | 4.98/ .196                  |
|         | PC Tail P    | 3.43 / .135                 | PC Tail P                   | 3.43 / .135                 | PC Tail P                   | 3.56 / .140                 | PC Tail P                   | 3.96/ .156                  |
|         | Tin Loc T    | 5.08/ .200                  | Tin Loc T                   | 5.08/ .200                  | Tin Loc T                   | 4.06/ .160                  | Tin Loc T                   | OVERALL                     |
|         | Voided Ckts  | NONE                        | Voided Ckts                 | NONE                        | Voided Ckts                 | NONE                        | Voided Ckts                 | NONE                        |
|         | Pack Per     | 417720000-PK                | Pack Per                    | 417720000-PK                | Pack Per                    | 417720000-PK                | Pack Per                    | 417720000-PK                |
|         | Ckts         | Material No Engineer Number | Material No Engineer Number | Material No Engineer Number | Material No Engineer Number | Material No Engineer Number | Material No Engineer Number | Material No Engineer Number |
| 2       | 41772-0497   | A-41772-0497                | 41772-0514                  | A-41772-0514                | 26-61-3020                  | A-41772-0019                | 26-60-3026                  | A-41772-0070                |
| 3       | 41772-0498   | A-41772-0498                | 41772-0515                  | A-41772-0515                | 26-61-3030                  | A-41772-0020                | 26-60-3036                  | A-41772-0071                |
| 4       | 41772-0499   | A-41772-0499                | 41772-0516                  | A-41772-0516                | 26-61-3040                  | A-41772-0021                | 26-60-3046                  | A-41772-0072                |
| 5       | 41772-0500   | A-41772-0500                | 41772-0517                  | A-41772-0517                | 26-61-3050                  | A-41772-0022                | 26-60-3056                  | A-41772-0073                |
| 6       | 41772-0501   | A-41772-0501                | 41772-0518                  | A-41772-0518                | 26-61-3060                  | A-41772-0023                | 26-60-3066                  | A-41772-0074                |
| 7       | 41772-0502   | A-41772-0502                | 41772-0519                  | A-41772-0519                | 26-61-3070                  | A-41772-0024                | 26-60-3076                  | A-41772-0075                |
| 8       | 41772-0503   | A-41772-0503                | 41772-0520                  | A-41772-0520                | 26-61-3080                  | A-41772-0025                | 26-60-3086                  | A-41772-0076                |
| 9       | 41772-0504   | A-41772-0504                | 41772-0521                  | A-41772-0521                | 26-61-3090                  | A-41772-0026                | 26-60-3096                  | A-41772-0077                |
| 10      | 41772-0505   | A-41772-0505                | 41772-0522                  | A-41772-0522                | 26-61-3100                  | A-41772-0027                | 26-60-3106                  | A-41772-0078                |
| 11      | 41772-0506   | A-41772-0506                | 41772-0523                  | A-41772-0523                | 26-61-3110                  | A-41772-0028                | 26-60-3116                  | A-41772-0079                |
| 12      | 41772-0507   | A-41772-0507                | 41772-0524                  | A-41772-0524                | 26-61-3120                  | A-41772-0029                | 26-60-3126                  | A-41772-0080                |
| 13      | 41772-0508   | A-41772-0508                | 41772-0525                  | A-41772-0525                | 26-61-3130                  | A-41772-0030                | 26-60-3136                  | A-41772-0081                |
| 14      | 41772-0509   | A-41772-0509                | 41772-0526                  | A-41772-0526                | 26-61-3140                  | A-41772-0031                | 26-60-3146                  | A-41772-0082                |
| 15      | 41772-0510   | A-41772-0510                | 41772-0527                  | A-41772-0527                | 26-61-3150                  | A-41772-0032                | 26-60-3156                  | A-41772-0083                |
| 16      | 41772-0511   | A-41772-0511                | 41772-0528                  | A-41772-0528                | 26-61-3160                  | A-41772-0033                | 26-60-3166                  | A-41772-0084                |
|         |              |                             |                             |                             |                             |                             |                             |                             |
|         |              |                             |                             |                             |                             |                             |                             |                             |

|                         |                         |                  |                  |                                                                   |                    |                     |                  |
|-------------------------|-------------------------|------------------|------------------|-------------------------------------------------------------------|--------------------|---------------------|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                  | <u>TITLE:</u>                                                     |                    |                     | <u>SHEET No.</u> |
| N                       | <u>EC No.:</u>          | 105925           |                  | KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS |                    |                     | - 3 -            |
|                         | <u>DATE:</u>            | 8/25/2016        |                  |                                                                   |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> |                         | <u>DOC TYPE:</u> | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                                      | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| SDA- 41772              |                         | PSD              | 002              | BAPPELDORN                                                        | MKIPPER            | FSMITH              |                  |

|         |              |                   |              |                 |              |                 |              |                   |
|---------|--------------|-------------------|--------------|-----------------|--------------|-----------------|--------------|-------------------|
| OPTIONS | Group        | A-41772-0155/0169 | Group        |                 | Group        |                 | Group        | A-41772-0206/0220 |
|         | Header No:   | 41770-0002/0016   | Header No:   |                 | Header No:   |                 | Header No:   | 41770-0002/0016   |
|         | Pin No:      | 43294-0473        | Pin No:      |                 | Pin No:      |                 | Pin No:      | 43294-0500        |
|         | Plating:     | 197-TIN           | Plating:     |                 | Plating:     |                 | Plating:     | 197-TIN           |
|         | Pin Length L | 25.40/ 1.000      | Pin Length L |                 | Pin Length L |                 | Pin Length L | 26.16/ 1.030      |
|         | Mating M     | 14.86/ .585       | Mating M     |                 | Mating M     |                 | Mating M     | 14.81/ .583       |
|         | Gold Loc G   | N/A               | Gold Loc G   |                 | Gold Loc G   |                 | Gold Loc G   | N/A               |
|         | Height Y     | 4.95/ .195        | Height Y     |                 | Height Y     |                 | Height Y     | 4.95/ .195        |
|         | PC Tail P    | 3.56/ .140        | PC Tail P    |                 | PC Tail P    |                 | PC Tail P    | 4.37/ .172        |
|         | Tin Loc T    | OVERALL           | Tin Loc T    |                 | Tin Loc T    |                 | Tin Loc T    | OVERALL           |
|         | Voided Ckts  | CKT 2             | Voided Ckts  |                 | Voided Ckts  |                 | Voided Ckts  | NONE              |
|         | Pack Per     | 417720000-PK      | Pack Per     |                 | Pack Per     |                 | Pack Per     | 417720000-PK      |
|         |              |                   |              |                 |              |                 |              |                   |
| Ckts    | Material No  | Engineer Number   | Material No  | Engineer Number | Material No  | Engineer Number | Material No  | Engineer Number   |
| 2       | 26-62-3024   | A-41772-0155      |              |                 |              |                 |              | A-41772-0206      |
| 3       | 26-62-3034   | A-41772-0156      |              |                 |              |                 |              | A-41772-0207      |
| 4       | 26-62-3044   | A-41772-0157      |              |                 |              |                 |              | A-41772-0208      |
| 5       | 26-62-3054   | A-41772-0158      |              |                 |              |                 |              | A-41772-0209      |
| 6       | 26-62-3064   | A-41772-0159      |              |                 |              |                 |              | A-41772-0210      |
| 7       | 26-62-3074   | A-41772-0160      |              |                 |              |                 |              | A-41772-0211      |
| 8       | 26-62-3084   | A-41772-0161      |              |                 |              |                 | 26-60-3082   | A-41772-0212      |
| 9       | 26-62-3094   | A-41772-0162      |              |                 |              |                 |              | A-41772-0213      |
| 10      | 26-62-3104   | A-41772-0163      |              |                 |              |                 |              | A-41772-0214      |
| 11      | 26-62-3114   | A-41772-0164      |              |                 |              |                 |              | A-41772-0215      |
| 12      | 26-62-3124   | A-41772-0165      |              |                 |              |                 | 26-60-3122   | A-41772-0216      |
| 13      | 26-62-3134   | A-41772-0166      |              |                 |              |                 |              | A-41772-0217      |
| 14      | 26-62-3144   | A-41772-0167      |              |                 |              |                 | 26-60-3142   | A-41772-0218      |
| 15      | 26-62-3154   | A-41772-0168      |              |                 |              |                 |              | A-41772-0219      |
| 16      | 26-62-3164   | A-41772-0169      |              |                 |              |                 |              | A-41772-0220      |
|         |              |                   |              |                 |              |                 |              |                   |
|         |              |                   |              |                 |              |                 |              |                   |

|                         |                         |                  |                  |                                                                   |                    |                     |                  |
|-------------------------|-------------------------|------------------|------------------|-------------------------------------------------------------------|--------------------|---------------------|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                  | <u>TITLE:</u>                                                     |                    |                     | <u>SHEET No.</u> |
| N                       | <u>EC No.:</u>          | 105925           |                  | KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS |                    |                     | - 4 -            |
|                         | <u>DATE:</u>            | 8/25/2016        |                  |                                                                   |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> |                         | <u>DOC TYPE:</u> | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                                      | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| SDA- 41772              |                         | PSD              | 002              | BAPPELDORN                                                        | MKIPPER            | FSMITH              |                  |

|         |                    |                   |                    |                    |              |                   |              |                   |
|---------|--------------------|-------------------|--------------------|--------------------|--------------|-------------------|--------------|-------------------|
| OPTIONS | Group              | A-41772-0291/0305 | Group              | A-41772-0308/ 0322 | Group        | A-41772-0325/0338 | Group        | A-41772-0341/0350 |
|         | Header No:         | 41770-0002/0016   | Header No:         | 41770-0002/0016    | Header No:   | 41770-0003/0016   | Header No:   | 41770-0007/0016   |
|         | Pin No:            | 43294-0455        | Pin No:            | 43294-0157         | Pin No:      | 43294-0473        | Pin No:      | 43294-0473        |
|         | Plating:           | 197-TIN           | Plating:           | 197-TIN            | Plating:     | 197-TIN           | Plating:     | 197-TIN           |
|         | Pin Length L       | 24.89/ .980       | Pin Length L       | 17.02/ .670        | Pin Length L | 25.40/ 1.000      | Pin Length L | 25.40/ 1.000      |
|         | Mating M           | 13.54/ .533       | Mating M           | 5.94/ .234         | Mating M     | 14.86/ .585       | Mating M     | 14.86/ .585       |
|         | Gold Loc G         | N/A               | Gold Loc G         | N/A                | Gold Loc G   | N/A               | Gold Loc G   | N/A               |
|         | Height Y           | 4.93/ .194        | Height Y           | 4.90/ .193         | Height Y     | 4.95/ .195        | Height Y     | 4.95/ .195        |
|         | PC Tail P          | 3.86/ .152        | PC Tail P          | 3.61/ .142         | PC Tail P    | 3.56/ .140        | PC Tail P    | 3.56/ .140        |
|         | Tin Loc T          | OVERALL           | Tin Loc T          | OVERALL            | Tin Loc T    | OVERALL           | Tin Loc T    | OVERALL           |
|         | <b>PIN BEND R.</b> | <b>.045 R</b>     | <b>PIN BEND R.</b> | <b>.045 R</b>      | Voided Ckts  | CKT 3             | Voided Ckts  | CKT 7             |
|         | Pack Per           | 417720000-PK      | Pack Per           | 417720000-PK       | Pack Per     | 417720000-PK      | Pack Per     | 417720000-PK      |
|         | Material No        | Engineer Number   | Material No        | Engineer Number    | Material No  | Engineer Number   | Material No  | Engineer Number   |
| Ckts    |                    |                   |                    |                    |              |                   |              |                   |
| 2       |                    | A-41772-0291      | 26-60-3028         | A-41772-0308       |              |                   |              |                   |
| 3       |                    | A-41772-0292      | 26-60-3038         | A-41772-0309       |              | A-41772-0325      |              |                   |
| 4       | 26-60-3047         | A-41772-0293      | 26-60-3048         | A-41772-0310       |              | A-41772-0326      |              |                   |
| 5       | 26-60-3057         | A-41772-0294      | 26-60-3058         | A-41772-0311       |              | A-41772-0327      |              |                   |
| 6       | 26-60-3067         | A-41772-0295      | 26-60-3068         | A-41772-0312       | 26-62-3061   | A-41772-0328      |              |                   |
| 7       | 26-60-3077         | A-41772-0296      | 26-60-3078         | A-41772-0313       |              | A-41772-0329      |              | A-41772-0341      |
| 8       |                    | A-41772-0297      | 26-60-3088         | A-41772-0314       | 26-62-3081   | A-41772-0330      | 26-62-3082   | A-41772-0342      |
| 9       | 26-60-3097         | A-41772-0298      | 26-60-3098         | A-41772-0315       |              | A-41772-0331      |              | A-41772-0343      |
| 10      |                    | A-41772-0299      | 26-60-3108         | A-41772-0316       |              | A-41772-0332      |              | A-41772-0344      |
| 11      |                    | A-41772-0300      | 26-60-3118         | A-41772-0317       |              | A-41772-0333      |              | A-41772-0345      |
| 12      | 26-60-3127         | A-41772-0301      | 26-60-3128         | A-41772-0318       |              | A-41772-0334      |              | A-41772-0346      |
| 13      |                    | A-41772-0302      | 26-60-3138         | A-41772-0319       |              | A-41772-0335      |              | A-41772-0347      |
| 14      |                    | A-41772-0303      | 26-60-3148         | A-41772-0320       |              | A-41772-0336      |              | A-41772-0348      |
| 15      |                    | A-41772-0304      | 26-60-3158         | A-41772-0321       |              | A-41772-0337      | 26-62-3152   | A-41772-0349      |
| 16      |                    | A-41772-0305      | 26-60-3168         | A-41772-0322       |              | A-41772-0338      |              | A-41772-0350      |
|         |                    |                   |                    |                    |              |                   |              |                   |
|         |                    |                   |                    |                    |              |                   |              |                   |

|                         |                         |                  |                  |                              |                                                                            |                     |  |                  |
|-------------------------|-------------------------|------------------|------------------|------------------------------|----------------------------------------------------------------------------|---------------------|--|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                  | <u>TITLE:</u>                | <b>KK 156 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>SOLID BODY W/O PEGS</b> |                     |  | <u>SHEET No.</u> |
| <b>N</b>                | <u>EC No.:</u>          | <b>105925</b>    |                  |                              |                                                                            |                     |  | <b>- 5 -</b>     |
|                         | <u>DATE:</u>            | <b>8/25/2016</b> |                  |                              |                                                                            |                     |  |                  |
| <u>DOCUMENT NUMBER:</u> |                         | <u>DOC TYPE:</u> | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u>                                                         | <u>APPROVED BY:</u> |  |                  |
| <b>SDA- 41772</b>       |                         | <b>PSD</b>       | <b>002</b>       | <b>BAPPELDORN</b>            | <b>MKIPPER</b>                                                             | <b>FSMITH</b>       |  |                  |

|         |              |                   |                    |                   |                    |                   |                    |                   |
|---------|--------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| OPTIONS | Group        | A-41772-0353/0365 | Group              | A-41772-0378/0392 | Group              | A-41772-0412/0426 | Group              | A-41772-0429/0443 |
|         | Header No:   | 41770-0004/0016   | Header No:         | 41770-0002/0016   | Header No:         | 41770-0002/0016   | Header No:         | 41770-0002/0016   |
|         | Pin No:      | 43294-0473        | Pin No:            | 43294-0193        | Pin No:            | 43294-0436        | Pin No:            | 43294-0229        |
|         | Plating:     | 197-TIN           | Plating:           | 197-TIN           | Plating:           | 197-TIN           | Plating:           | 197-TIN           |
|         | Pin Length L | 25.40/ 1.000      | Pin Length L       | 17.78/ .700       | Pin Length L       | 24.38/ .960       | Pin Length L       | 18.80/ .740       |
|         | Mating M     | 14.86/ .585       | Mating M           | 5.87/ .231        | Mating M           | 15.06/ .593       | Mating M           | 10.59/ .417       |
|         | Gold Loc G   | N/A               | Gold Loc G         | N/A               | Gold Loc G         | N/A               | Gold Loc G         | N/A               |
|         | Height Y     | 4.95/ .195        | Height Y           | 4.90/ .193        | Height Y           | 2.71/ .107        | Height Y           | 2.71/ .107        |
|         | PC Tail P    | 3.56/ .140        | PC Tail P          | 4.45/ .175        | PC Tail P          | 4.06/ .160        | PC Tail P          | 2.92/ .115        |
|         | Tin Loc T    | OVERALL           | Tin Loc T          | OVERALL           | Tin Loc T          | OVERALL           | Tin Loc T          | OVERALL           |
|         | Voided Ckts  | CKT 4             | <b>PIN BEND R.</b> | <b>.045 R</b>     | <b>PIN BEND R.</b> | <b>.045 R</b>     | <b>PIN BEND R.</b> | <b>.045 R</b>     |
|         | Pack Per     | 417720000-PK      | Pack Per           | 417720000-PK      | Pack Per           | 417720000-PK      | Pack Per           | 417720000-PK      |
|         | Material No  | Engineer Number   | Material No        | Engineer Number   | Material No        | Engineer Number   | Material No        | Engineer Number   |
| Ckts    |              |                   |                    |                   |                    |                   |                    |                   |
| 2       |              |                   | 26-60-3029         | A-41772-0378      | 27-60-3020         | A-41772-0412      |                    | A-41772-0429      |
| 3       |              |                   | 26-60-3039         | A-41772-0379      |                    | A-41772-0413      |                    | A-41772-0430      |
| 4       |              | A-41772-0353      | 26-60-3049         | A-41772-0380      |                    | A-41772-0414      |                    | A-41772-0431      |
| 5       |              | A-41772-0354      | 26-60-3059         | A-41772-0381      |                    | A-41772-0415      |                    | A-41772-0432      |
| 6       |              | A-41772-0355      | 26-60-3069         | A-41772-0382      |                    | A-41772-0416      | 27-60-3061         | A-41772-0433      |
| 7       |              | A-41772-0356      | 26-60-3079         | A-41772-0383      | 27-60-3070         | A-41772-0417      | 27-60-3071         | A-41772-0434      |
| 8       | 26-62-3083   | A-41772-0357      | 26-60-3089         | A-41772-0384      |                    | A-41772-0418      |                    | A-41772-0435      |
| 9       |              | A-41772-0358      | 26-60-3099         | A-41772-0385      |                    | A-41772-0419      |                    | A-41772-0436      |
| 10      |              | A-41772-0359      | 26-60-3109         | A-41772-0386      |                    | A-41772-0420      |                    | A-41772-0437      |
| 11      |              | A-41772-0360      | 26-60-3119         | A-41772-0387      |                    | A-41772-0421      |                    | A-41772-0438      |
| 12      | 26-62-3123   | A-41772-0361      | 26-60-3129         | A-41772-0388      |                    | A-41772-0422      |                    | A-41772-0439      |
| 13      |              | A-41772-0362      | 26-60-3139         | A-41772-0389      |                    | A-41772-0423      |                    | A-41772-0440      |
| 14      |              | A-41772-0363      | 26-60-3149         | A-41772-0390      |                    | A-41772-0424      |                    | A-41772-0441      |
| 15      |              | A-41772-0364      | 26-60-3159         | A-41772-0391      |                    | A-41772-0425      |                    | A-41772-0442      |
| 16      |              | A-41772-0365      | 26-60-3169         | A-41772-0392      |                    | A-41772-0426      |                    | A-41772-0443      |
|         |              |                   |                    |                   |                    |                   |                    |                   |
|         |              |                   |                    |                   |                    |                   |                    |                   |

|                         |                         |                  |                  |                                                                   |                    |                     |                  |
|-------------------------|-------------------------|------------------|------------------|-------------------------------------------------------------------|--------------------|---------------------|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                  | <u>TITLE:</u>                                                     |                    |                     | <u>SHEET No.</u> |
| N                       | <u>EC No.:</u>          | 105925           |                  | KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS |                    |                     | - 6 -            |
|                         | <u>DATE:</u>            | 8/25/2016        |                  |                                                                   |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> |                         | <u>DOC TYPE:</u> | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                                      | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| SDA- 41772              |                         | PSD              | 002              | BAPPELDORN                                                        | MKIPPER            | FSMITH              |                  |

|         |              |                   |                 |                   |              |                   |              |                   |
|---------|--------------|-------------------|-----------------|-------------------|--------------|-------------------|--------------|-------------------|
| OPTIONS | Group        | A-41772-0446/0460 | Group           | A-41772-0548/0558 | Group        | A-41772-0561/0571 | Group        | A-41772-0605/0619 |
|         | Header No:   | 41770-0002/0016   | Header No:      | 41770-0006/0016   | Header No:   | 41770-0006/0016   | Header No:   | 41770-0002/0016   |
|         | Pin No:      | 43294-0596        | Pin No:         | 43294-0473        | Pin No:      | 43294-0526        | Pin No:      | 43294-0642        |
|         | Plating:     | 241-GOLD          | Plating:        | 197-TIN           | Plating:     | 197-TIN           | Plating:     | 228-GOLD          |
|         | Pin Length L | 28.70/1.130       | Pin Length L    | 25.40/ 1.000      | Pin Length L | 26.92/ 1.060      | Pin Length L | 29.97 / 1.180     |
|         | Mating M     | 17.73/.698        | Mating M        | 14.86/ .585       | Mating M     | 16.43/ .647       | Mating M     | 15.32 / .603      |
|         | Gold Loc G   | 6.85/ .270        | Gold Loc G      | N/A               | Gold Loc G   | N/A               | Gold Loc G   | 6.85/ .270        |
|         | Height Y     | 4.95/ .195        | Height Y        | 4.95/ .195        | Height Y     | 4.95/ .195        | Height Y     | 9.25 / .364       |
|         | PC Tail P    | 3.99/ .157        | PC Tail P       | 3.56/ .140        | PC Tail P    | 3.51/ .138        | PC Tail P    | 3.38 / .133       |
|         | Tin Loc T    | 5.08/ .200        | Tin Loc T       | OVERALL           | Tin Loc T    | OVERALL           | Tin Loc T    | 5.08/ .200        |
|         | Voided Ckts  | NONE              | Voided Ckts     | CKTS 2, 4, 6      | Voided Ckts. | CKTS 2, 4, 6      | Voided Ckts. | NONE              |
|         | Pack Per     | 417720000-PK      | Pack Per        | 417720000-PK      | Pack Per     | 417720000-PK      | Pack Per     | 417720000-PK      |
|         | Ckts         | Material No       | Engineer Number | Item No           | Item No      | Item No           | Material No  | Engineer Number   |
|         | 2            | 27-60-3022        | A-41772-0446    |                   |              |                   |              | 41772-0605        |
| 3       | 27-60-3032   | A-41772-0447      |                 |                   |              |                   | 417720606    | 41772-0606        |
| 4       | 27-60-3042   | A-41772-0448      |                 |                   |              |                   |              | 41772-0607        |
| 5       | 27-60-3052   | A-41772-0449      |                 |                   |              |                   |              | 41772-0608        |
| 6       | 27-60-3062   | A-41772-0450      | 41772-0548      | 41772-0561        |              |                   |              | 41772-0609        |
| 7       | 27-60-3072   | A-41772-0451      | 41772-0549      | 41772-0562        |              |                   |              | 41772-0610        |
| 8       | 27-60-3082   | A-41772-0452      | 41772-0550      | 41772-0563        |              |                   |              | 41772-0611        |
| 9       | 27-60-3092   | A-41772-0453      | 41772-0551      | 41772-0564        |              |                   |              | 41772-0612        |
| 10      | 27-60-3102   | A-41772-0454      | 41772-0552      | 41772-0565        |              |                   |              | 41772-0613        |
| 11      | 27-60-3112   | A-41772-0455      | 41772-0553      | 41772-0566        |              |                   |              | 41772-0614        |
| 12      | 27-60-3122   | A-41772-0456      | 41772-0554      | 41772-0567        |              |                   |              | 41772-0615        |
| 13      | 27-60-3132   | A-41772-0457      | 41772-0555      | 41772-0568        |              |                   |              | 41772-0616        |
| 14      | 27-60-3142   | A-41772-0458      | 41772-0556      | 41772-0569        |              |                   |              | 41772-0617        |
| 15      | 27-60-3152   | A-41772-0459      | 41772-0557      | 41772-0570        |              |                   |              | 41772-0618        |
| 16      | 27-60-3162   | A-41772-0460      | 41772-0558      | 41772-0571        |              |                   |              | 41772-0619        |
|         |              |                   |                 |                   |              |                   |              |                   |
|         |              |                   |                 |                   |              |                   |              |                   |

|                         |                         |                  |                              |                    |                                                                            |  |              |                  |
|-------------------------|-------------------------|------------------|------------------------------|--------------------|----------------------------------------------------------------------------|--|--------------|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                              | <u>TITLE:</u>      | <b>KK 156 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>SOLID BODY W/O PEGS</b> |  |              | <u>SHEET No.</u> |
| <b>N</b>                | <u>EC No.:</u>          | <b>105925</b>    |                              |                    |                                                                            |  | <b>- 7 -</b> |                  |
|                         | <u>DATE:</u>            | <b>8/25/2016</b> |                              |                    |                                                                            |  |              |                  |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>        | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u> | <u>APPROVED BY:</u>                                                        |  |              |                  |
| <b>SDA- 41772</b>       | <b>PSD</b>              | <b>002</b>       | <b>BAPPELDORN</b>            | <b>MKIPPER</b>     | <b>FSMITH</b>                                                              |  |              |                  |

|         |              |                 |              |                 |              |                 |              |                 |
|---------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|
| OPTIONS | Group        | 41772-0622/0629 | Group        | 41772-0632/0645 | Group        | 41772-0648/0655 | Group        | 41772-0663      |
|         | Header No:   | 41770-0009/0016 | Header No:   | 41770-0003/0016 | Header No:   | 41770-0009/0016 | Header No:   | 41770-0004      |
|         | Pin No:      | 43294-0400      | Pin No:      | 43294-0283      | Pin No:      | 43294-0301      | Pin No:      | 43294-0302      |
|         | Plating:     | 197 – TIN       | Plating:     | 197 – TIN       | Plating:     | 197 – TIN       | Plating:     | 154 – TIN       |
|         | Pin Length L | 23.37 / .920    | Pin Length L | 20.32 / .800    | Pin Length L | 20.83 / .820    | Pin Length L | 20.83 / .820    |
|         | Mating M     | 13.21 / .520    | Mating M     | 13.08 / .515    | Mating M     | 13.06 / .514    | Mating M     | 10.13 / .399    |
|         | Gold Loc G   | N/A             | Gold Loc G   | N/A             | Gold Loc G   | N/A             | Gold Loc G   | N/A             |
|         | Height Y     | 4.95 / .195     | Height Y     | 1.98 / .078     | Height Y     | 2.54 / .100     | Height Y     | 4.95 / .195     |
|         | PC Tail P    | 3.18 / .125     | PC Tail P    | 3.18 / .125     | PC Tail P    | 3.18 / .125     | PC Tail P    | 3.71 / .146     |
|         | Tin Loc T    | OVERALL         | Tin Loc T    | OVERALL         | Tin Loc T    | OVERALL         | Tin Loc T    | OVERALL         |
|         | Voided Ckts  | 5, 8, 9         | Voided Ckts  | 3               | Voided Ckts  | 5, 8, 9         | Voided Ckts  | NONE            |
|         | Pack Per     | 417720000-PK    | Pack Per     | 417720000-PK    | Pack Per     | 417720000-PK    | Pack Per     | 417720000-PK    |
|         | Material No  | Engineer Number | Material No  | Engineer Number | Material No  | Engineer Number | Material No  | Engineer Number |
| Ckts    |              |                 |              |                 |              |                 |              |                 |
| 2       |              |                 |              |                 |              |                 |              |                 |
| 3       |              |                 |              | 41772-0632      |              |                 |              |                 |
| 4       |              |                 |              | 41772-0633      |              |                 | 41772-0663   | 41772-0663      |
| 5       |              |                 |              | 41772-0634      |              |                 |              |                 |
| 6       |              |                 |              | 41772-0635      |              |                 |              |                 |
| 7       |              |                 | 41772-0636   | 41772-0636      |              |                 |              |                 |
| 8       |              |                 |              | 41772-0637      |              |                 |              |                 |
| 9       |              | 41772-0622      |              | 41772-0638      |              | 41772-0648      |              |                 |
| 10      |              | 41772-0623      |              | 41772-0639      |              | 41772-0649      |              |                 |
| 11      |              | 41772-0624      |              | 41772-0640      |              | 41772-0650      |              |                 |
| 12      |              | 41772-0625      |              | 41772-0641      |              | 41772-0651      |              |                 |
| 13      |              | 41772-0626      |              | 41772-0642      |              | 41772-0652      |              |                 |
| 14      | 41772-0627   | 41772-0627      |              | 41772-0643      | 41772-0653   | 41772-0653      |              |                 |
| 15      |              | 41772-0628      |              | 41772-0644      |              | 41772-0654      |              |                 |
| 16      |              | 41772-0629      |              | 41772-0645      |              | 41772-0655      |              |                 |
|         |              |                 |              |                 |              |                 |              |                 |
|         |              |                 |              |                 |              |                 |              |                 |

|                                              |                                                                                    |                                |                                                                                                 |                                                   |                                      |                                      |
|----------------------------------------------|------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------|--------------------------------------|
| REV:<br><br><b>N</b>                         | <u>ECM INFORMATION:</u><br><br>EC No.: <b>105925</b><br><br>DATE: <b>8/25/2016</b> |                                | <u>TITLE:</u><br><br><b>KK 156 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>SOLID BODY W/O PEGS</b> |                                                   |                                      | <u>SHEET No.</u><br><br><b>- 8 -</b> |
| <u>DOCUMENT NUMBER:</u><br><b>SDA- 41772</b> |                                                                                    | <u>DOC TYPE:</u><br><b>PSD</b> | <u>DOC PART:</u><br><b>002</b>                                                                  | <u>CREATED / REVISED BY:</u><br><b>BAPPELDORN</b> | <u>CHECKED BY:</u><br><b>MKIPPER</b> | <u>APPROVED BY:</u><br><b>FSMITH</b> |



|         |              |                 |              |                 |              |                 |              |                 |
|---------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|
| OPTIONS | Group        | 41772-0682      | Group        |                 | Group        |                 | Group        |                 |
|         | Header No:   | 41770-0006      | Header No:   |                 | Header No:   |                 | Header No:   |                 |
|         | Pin No:      | 43294-0103      | Pin No:      |                 | Pin No:      |                 | Pin No:      |                 |
|         | Plating:     | 197 – TIN       | Plating:     |                 | Plating:     |                 | Plating:     |                 |
|         | Pin Length L | 15.49 / .610    | Pin Length L |                 | Pin Length L |                 | Pin Length L |                 |
|         | Mating M     | 6.86 / .270     | Mating M     |                 | Mating M     |                 | Mating M     |                 |
|         | Gold Loc G   | N/A             | Gold Loc G   |                 | Gold Loc G   |                 | Gold Loc G   |                 |
|         | Height Y     | 2.92 / .115     | Height Y     |                 | Height Y     |                 | Height Y     |                 |
|         | PC Tail P    | 3.68 / .145     | PC Tail P    |                 | PC Tail P    |                 | PC Tail P    |                 |
|         | Tin Loc T    | OVERALL         | Tin Loc T    |                 | Tin Loc T    |                 | Tin Loc T    |                 |
|         | Voided Ckts  | NONE            | Voided Ckts  |                 | Voided Ckts  |                 | Voided Ckts  |                 |
|         | Pack Per     | 417720000-PK    | Pack Per     |                 | Pack Per     |                 | Pack Per     |                 |
|         | Material No  | Engineer Number | Material No  | Engineer Number | Material No  | Engineer Number | Material No  | Engineer Number |
| Ckts    |              |                 |              |                 |              |                 |              |                 |
| 2       |              |                 |              |                 |              |                 |              |                 |
| 3       |              |                 |              |                 |              |                 |              |                 |
| 4       |              |                 |              |                 |              |                 |              |                 |
| 5       |              |                 |              |                 |              |                 |              |                 |
| 6       | 41772-0682   | 41772-0682      |              |                 |              |                 |              |                 |
| 7       |              |                 |              |                 |              |                 |              |                 |
| 8       |              |                 |              |                 |              |                 |              |                 |
| 9       |              |                 |              |                 |              |                 |              |                 |
| 10      |              |                 |              |                 |              |                 |              |                 |
| 11      |              |                 |              |                 |              |                 |              |                 |
| 12      |              |                 |              |                 |              |                 |              |                 |
| 13      |              |                 |              |                 |              |                 |              |                 |
| 14      |              |                 |              |                 |              |                 |              |                 |
| 15      |              |                 |              |                 |              |                 |              |                 |
| 16      |              |                 |              |                 |              |                 |              |                 |
| 17      |              |                 |              |                 |              |                 |              |                 |
| 18      |              |                 |              |                 |              |                 |              |                 |

|                         |                         |                  |                              |                                                                   |                     |  |                  |
|-------------------------|-------------------------|------------------|------------------------------|-------------------------------------------------------------------|---------------------|--|------------------|
| REV:                    | <u>ECM INFORMATION:</u> |                  |                              | <u>TITLE:</u>                                                     |                     |  | <u>SHEET No.</u> |
| N                       | <u>EC No.:</u>          | 105925           |                              | KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS |                     |  | - 9 -            |
|                         | <u>DATE:</u>            | 8/25/2016        |                              |                                                                   |                     |  |                  |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>        | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u>                                                | <u>APPROVED BY:</u> |  |                  |
| SDA- 41772              | PSD                     | 002              | BAPPELDORN                   | MKIPPER                                                           | FSMITH              |  |                  |

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