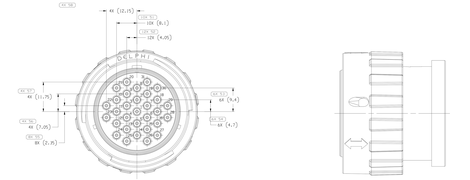
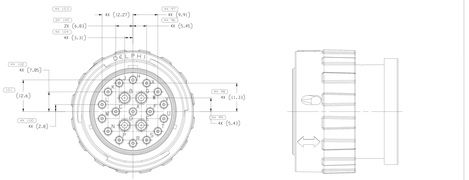


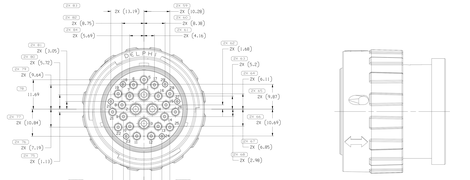

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN





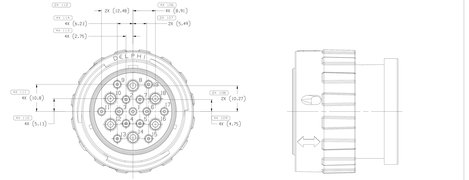

TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN



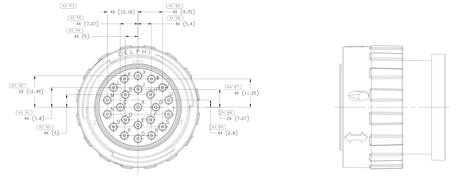



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

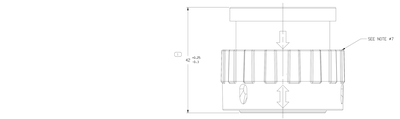




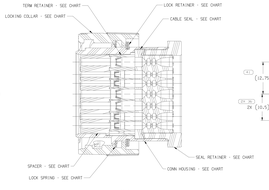

TYPE 106
SAME AS TYPE 101
EXCEPT AS SHOWN



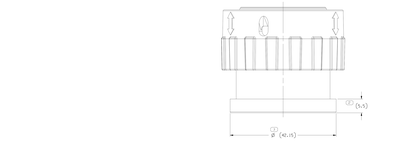

TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN

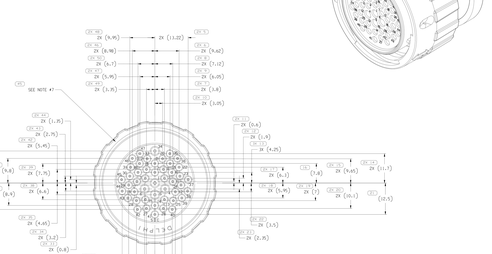


TYPE 101




SECTION



NOTES:

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND
   TOLERANCES ARE PER ASME Y14.5M-2009 DIMENSIONING
   USE WITH MODEL FOR PRECISE DIMENSIONS FOR ALL
   OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
   DESIGN USE WITH MODEL FOR PRECISE TOOL PATH DATA.

2. THIS PRODUCT IS NOT CATEGORIZED AS AN ASTRONOMICAL OR OTHER
   SPACE PRODUCT. THIS PRODUCT IS NOT ALLOWED TO HAVE ANY ZINC, COLOR
   PLATING, TIN PLATING, AND ANY PLATINUM THAT DO NOT AFFECT THE
   FUNCTIONAL, SAFETY, OR ENVIRONMENTAL PERFORMANCE AS PER DPNP-4.7-CS-01.

3. THIS PART IS NOT CONTROLLED FOR AUTOMOTIC FEEDING.

4. CAVITIES TO ACCEPT THE FOLLOWING TERMINALS OR EQUIVALENT:

   HES 1.2 - 1.6(0.047)
   HES 2.0 - 1.6(0.063)
   HES 2.4 - 1.0(0.039)

5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

6. SEAL RETAINER PULL RETENTION FORCE MUST EXCEED 8N(N).

7. WITH ASSEMBLY PART NUMBER, AND JULIAN DATE OF MANUFACTURE
   TO BE LASER ETCHED ON SURFACE OF LOCKING COLLAR SHOWN. CHARACTER
   HEIGHT TO BE 1.0MM MINIMUM.

8. THE FOLLOWING TERMINAL SIZES IN ASSEMBLIES: 0554480(2), 0554489(1), 0554499
   HES 1.6 - CRIMPED ON 1.70 MM O.D. MAXIMUM. INSERTION FORCE AND TO
   REDUCE WITH INSERTION FORCE, IT IS RECOMMENDED THE USE OF SCM 1150 FLUID.

   HES 2.0 - CRIMPED ON 2.05 MM O.D.
   HES 2.4 - CRIMPED ON 4.20 MM O.D.

| PART NO | REV | N/P | TYPE | TOTAL CAVITIES | CONN HOUSING | TERM RETAINER | SPACER | CABLE SEAL | SEAL RETAINER | LOCKING COLLAR | LOCK RETAINER | LOCK SPRING | CABLE O.D. | MATING PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0554480 | G | A4 | 106 | 19 | 0554060 | 0411111 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | N/A | 0554420 |
| 0554482 | G | A4 | 105 | 21 | 0554060 | 0411111 | 0411098 | 0554034 | 0554050 | 0449979 | 0411080 | 1411079 | N/A | 0554420 |
| 0554483 | G | A4 | 105 | 21 | 0554060 | 0411111 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | N/A | 0554420 |
| 0554488 | G | A4 | 104 | 21 | 0554060 | 0411111 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | N/A | 0554420 |
| 0554489 | G | A4 | 104 | 21 | 0554060 | 0411111 | 0411098 | 0554036 | 0554050 | 0449979 | 0411080 | 1411079 | N/A | 0554420 |
| 0554490 | G | A4 | 103 | 21 | 0554060 | 0411111 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | 1.1-2.4 | 0554420 |
| 0554499 | G | A6 | 102 | 29 | 0554060 | 0411112 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | 1.1-2.4 | 0554420 |
| 0554494 | G | A4 | 102 | 37 | 0554060 | 0411112 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | 1.1-2.4 | 0554420 |
| 0554492 | G | A4 | 102 | 37 | 0554060 | 0411112 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | 1.1-2.4 | 0554420 |
| 0554493 | G | A4 | 102 | 37 | 0554060 | 0411112 | 0411098 | 0554035 | 0554050 | 0449979 | 0411080 | 1411079 | 1.1-2.4 | 0554420 |
| PART NO | REV | N/P | TYPE | TOTAL CAVITIES | CONN HOUSING | TERM RETAINER | SPACER | CABLE SEAL | SEAL RETAINER | LOCKING COLLAR | LOCK RETAINER | LOCK SPRING | CABLE O.D. | MATING PART NUMBER |

| SYMBOL DEFINITION |
|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. |

| | |
|---|---|
| TOTAL NO OF INSPECTIONS REQUIRED | 350 |
| LAST MC USED | 114 |

| MISSING SYMBOLS NUMBER |
|---|
| NO MISSING SYMBOLS |

| REV | | |

# Mouser Electronics

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