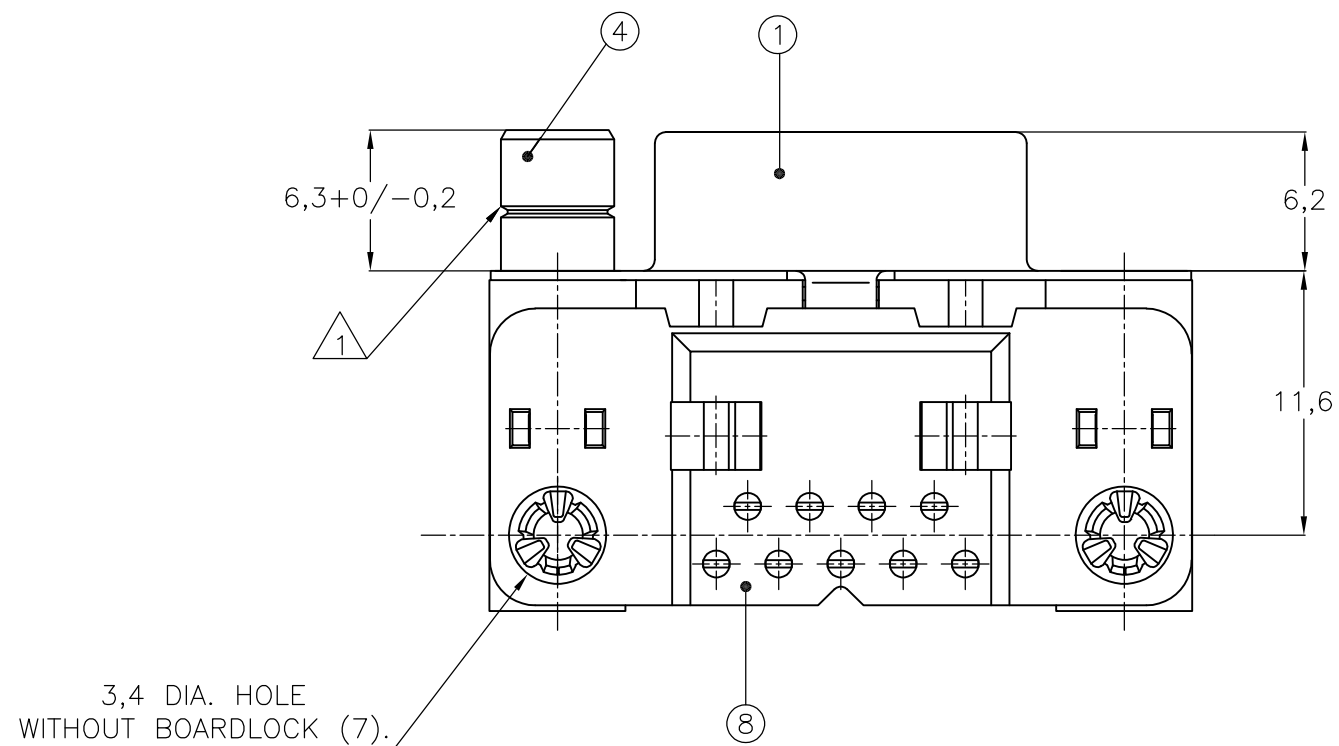
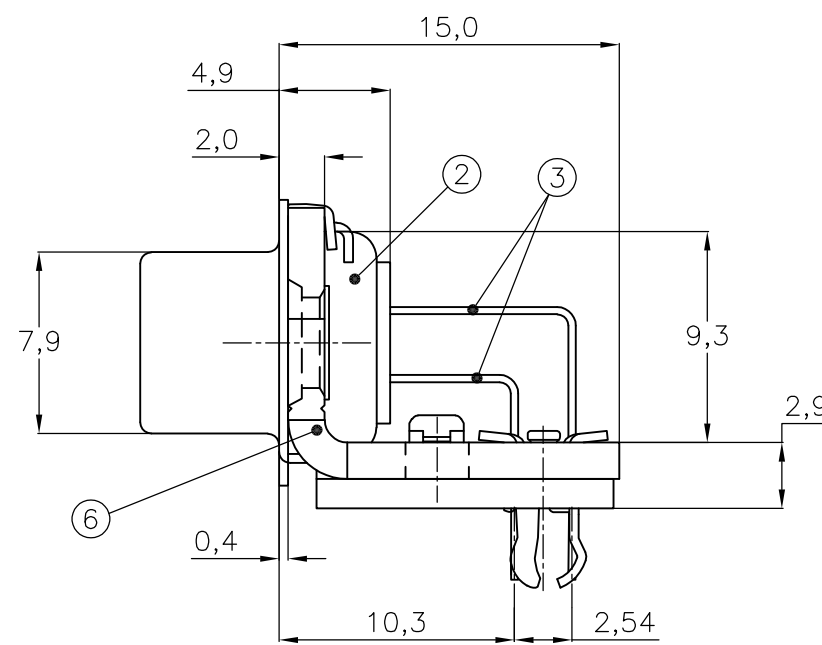
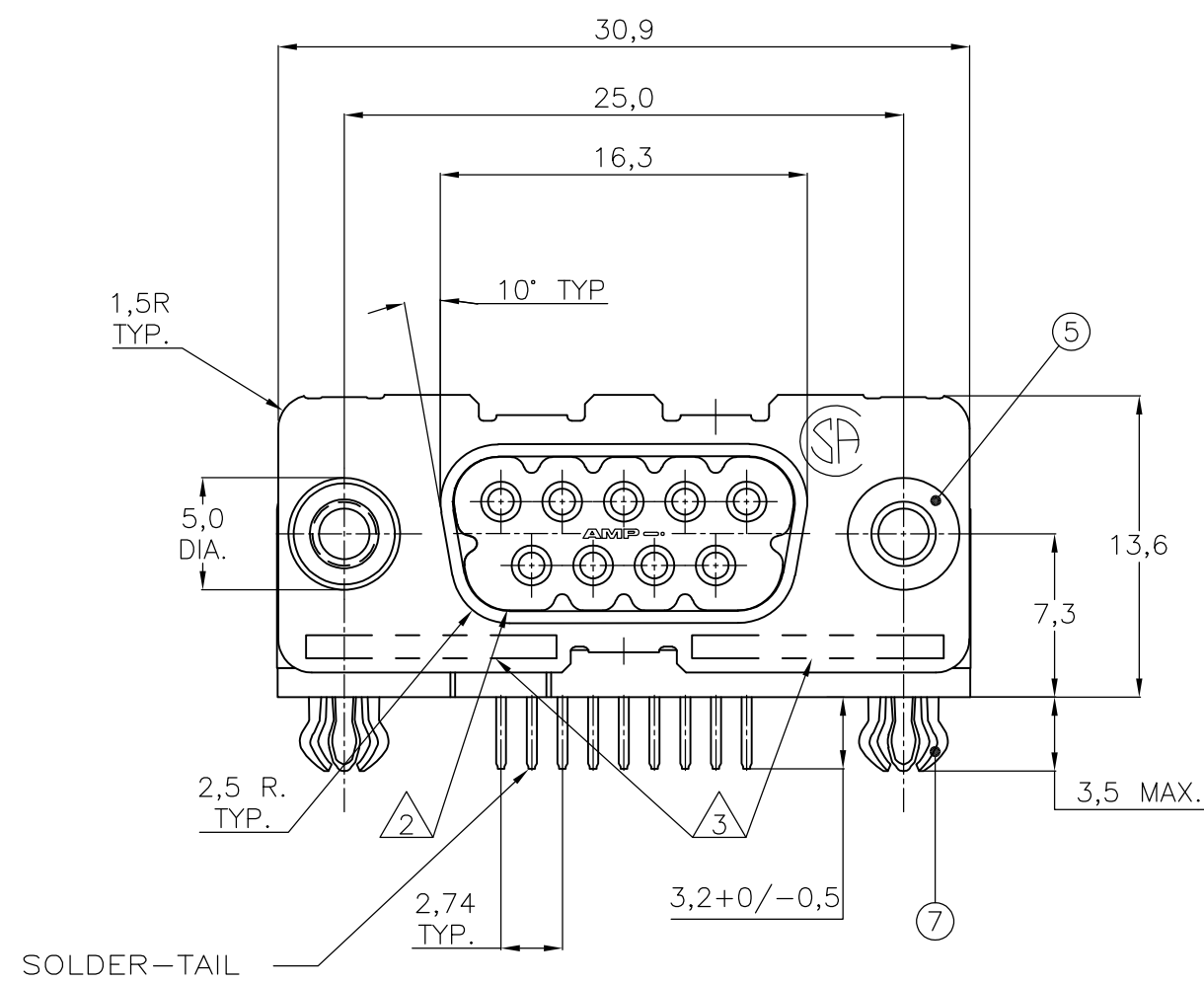
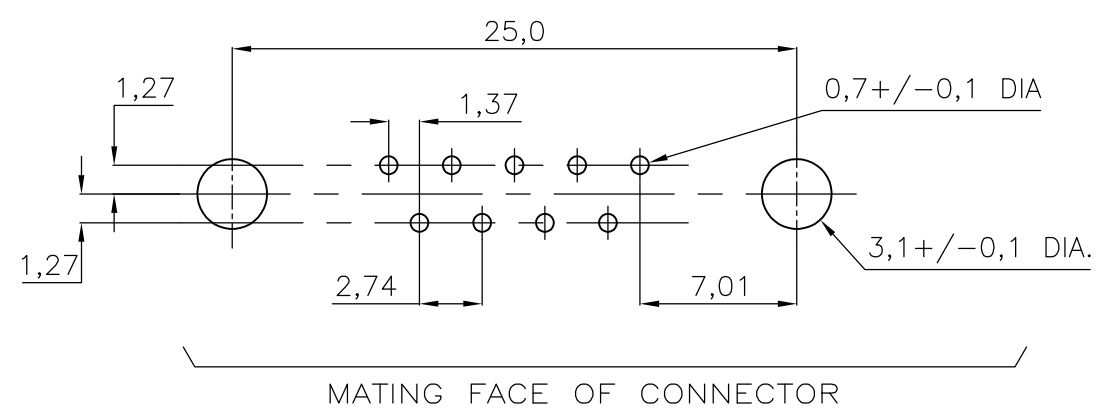


|     |      |           |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| LOC | DIST | REVISIONS |     |                           |           |     |      |
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | M   | REVISED PER ECO-15-004948 | 27APR2015 | AP  | SB   |



RECOMMENDED P.C. BOARD HOLE-LAYOUT

[illegible]

- ① GROOVE INDICATES VERSION WITH 4-40 UNC INNER THREAD;  
WITHOUT GROOVE INDICATES VERSION WITH M3 INNER THREAD.
- ② CAVITY IDENTIFICATION AT FRONT SIDE ONLY.
- ③ PART NUMBER AND DATE CODE.
4. AIR AND CREEPAGE DISTANCES ACCORDING TO DIN 41652.
- ⑤ CONTACT FINISH: GOLD FLASH OVER PALLADIUM NICKEL PLATE OR  
GOLD PLATE ON MATING SURFACES, TIN PLATE  
ON THE SOLDER-TAILS, NICKEL UNDERPLATE ON  
THE ENTIRE CONTACT. MATING SURFACE FINISH  
MEETS PERFORMANCE LEVEL 2 PER DIN 41652.

ITEM NO./MATERIAL :

- |                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| ① SHELL                | : BRIGHT TIN PLATED STEEL                                                   |
| ② HOUSING              | : GLASS FILLED POLYESTER,<br>COLOR : BLACK                                  |
| ③ CONTACTS             | : PHOSPHOR BRONZE<br>(PLATING : SEE NOTES ABOVE)                            |
| ④ FEMALE SCREWLOCK     | : TIN PLATED STEEL<br>(INNER THREAD 4-40 UNC OR M3)                         |
| ⑤ BUSHING              | : TIN PLATED STEEL (INNER THREAD 4-40<br>UNC OR M3 OR 3,1 DIA THROUGH-HOLE) |
| ⑥ BRACKET              | : TIN PLATED STEEL                                                          |
| ⑦ BOARDLOCK            | : TIN PLATED PHOSPHOR BRONZE                                                |
| ⑧ POST ALIGNMENT PLATE | : GLASS FILLED NYLON<br>COLOR : BLACK                                       |

|                                                                                             |  |                                                                                   |  |                       |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-----------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 |  | DWN<br>D. KESSLER<br>CHK<br>W. SOOMERS<br>APVD                                    |  | 14JAN99<br>—<br>—     |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                           |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                         |  | NAME                  |  | HD-20 SIZE 1<br>RIGHT ANGLE RECEPTACLE HEADER;<br>MARK II+                                            |  |
|        |  | 0 PLC ± —<br>1 PLC ± 0.3<br>2 PLC ± 0.15<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± 2° |  | PRODUCT SPEC<br>—     |  | SIZE                                                                                                  |  |
| MATERIAL                                                                                    |  | FINISH                                                                            |  | APPLICATION SPEC<br>— |  | CAGE CODE                                                                                             |  |
| —                                                                                           |  | —                                                                                 |  | WEIGHT<br>—           |  | DRAWING NO                                                                                            |  |
|                                                                                             |  |                                                                                   |  | A2                    |  | 00779                                                                                                 |  |
|                                                                                             |  |                                                                                   |  | C-106505              |  | RESTRICTED TO<br>—                                                                                    |  |
| CUSTOMER DRAWING                                                                            |  |                                                                                   |  |                       |  | SCALE NTS                                                                                             |  |
|                                                                                             |  |                                                                                   |  |                       |  | SHEET 1 of 1                                                                                          |  |
|                                                                                             |  |                                                                                   |  |                       |  | REV M                                                                                                 |  |

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