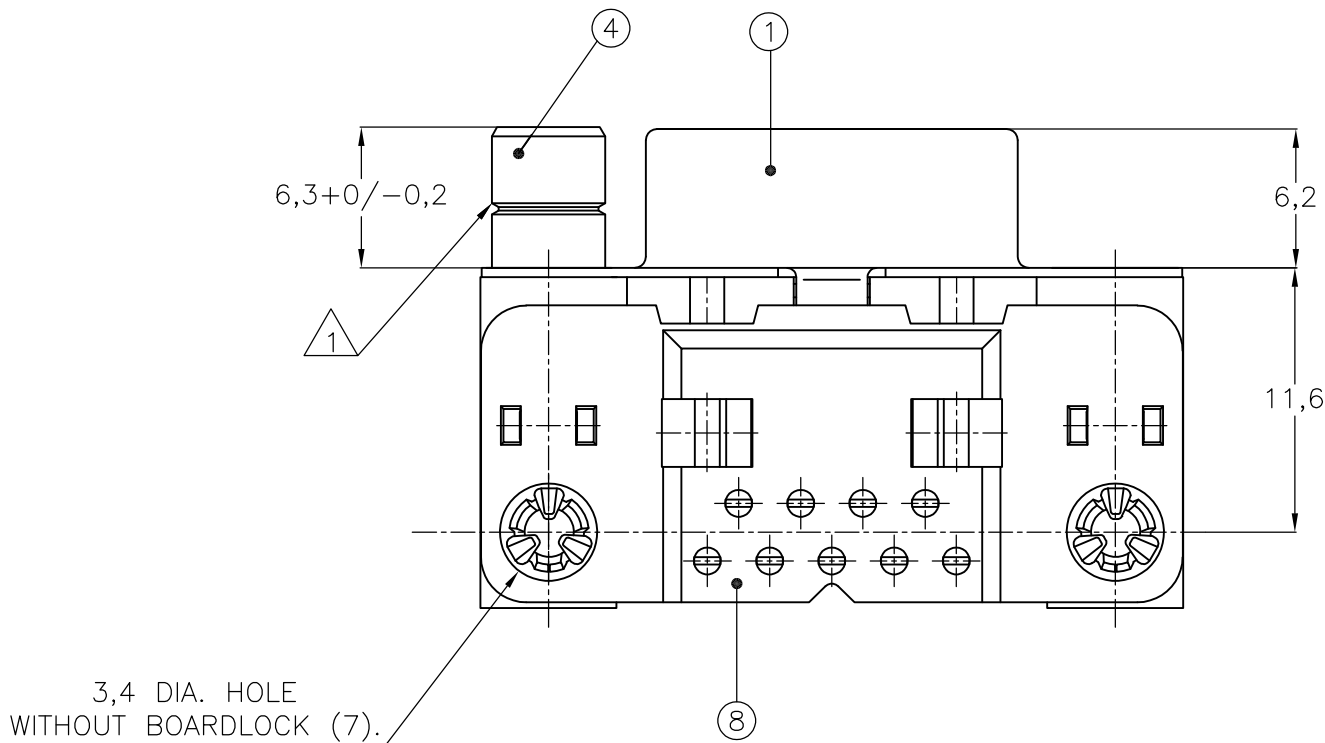
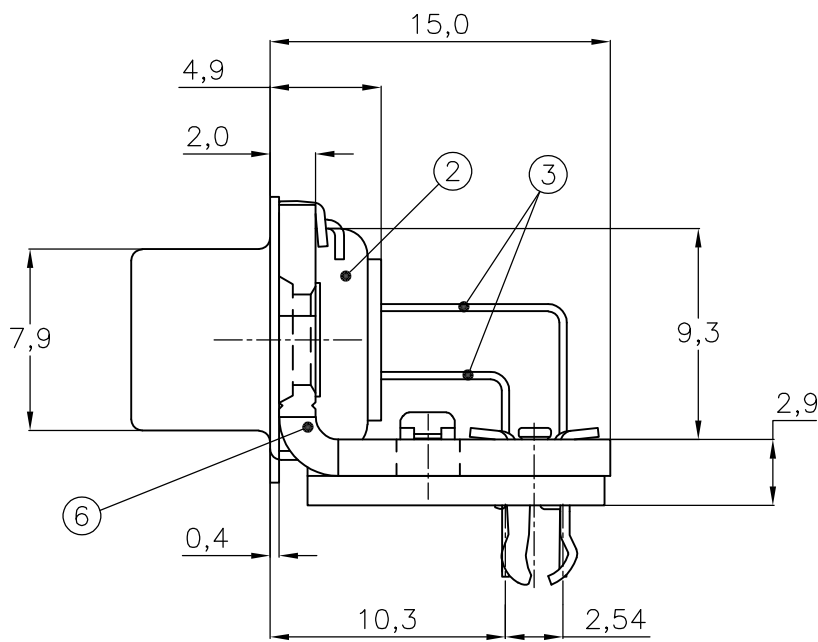
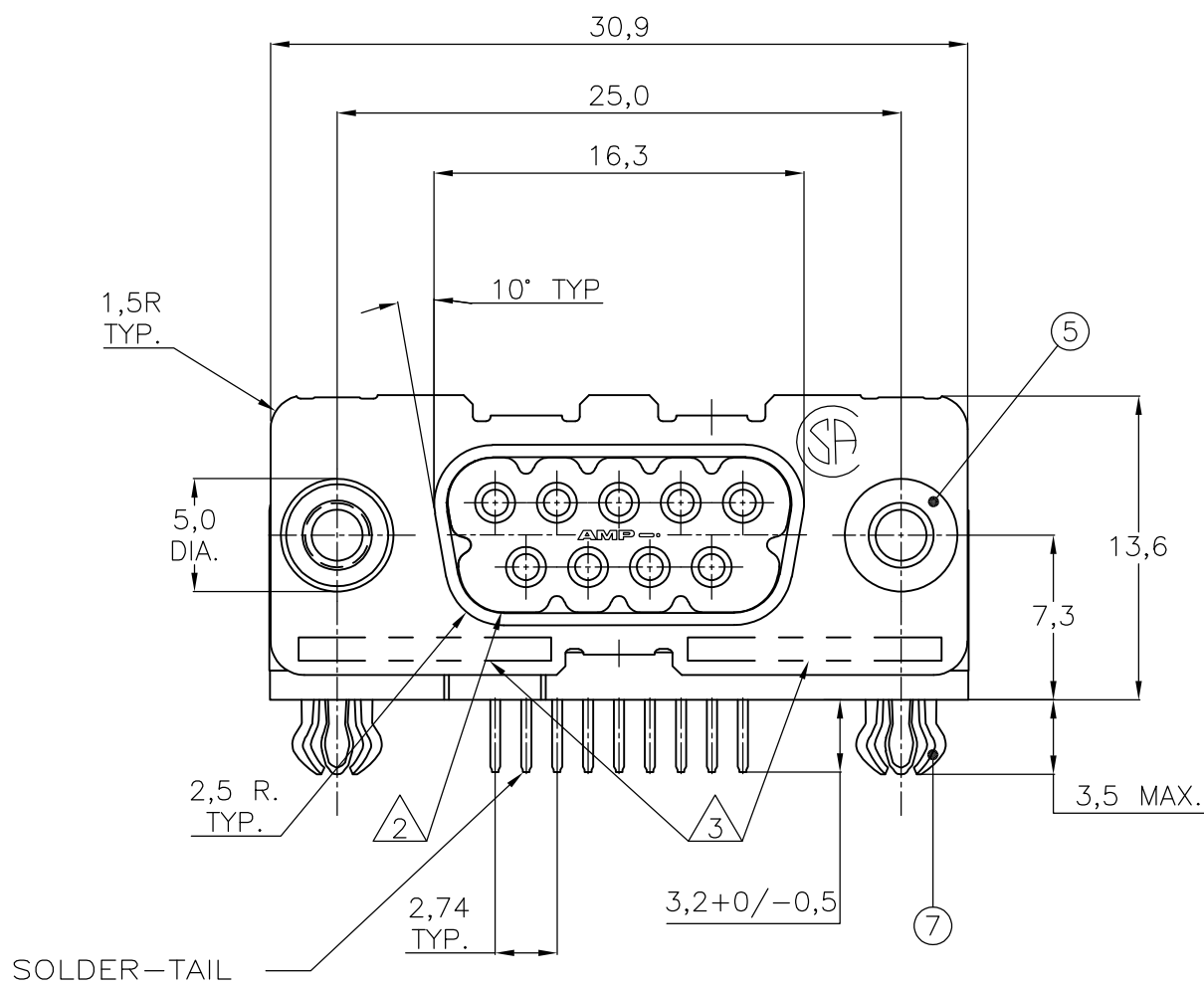
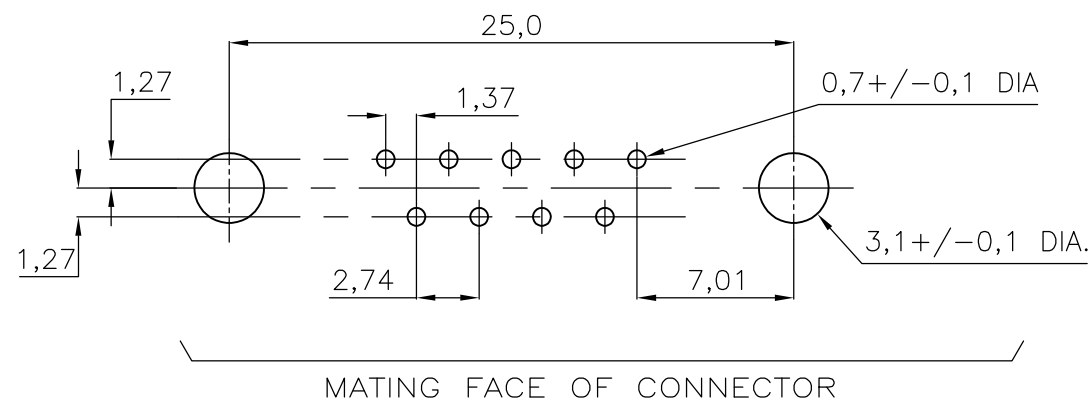


| LOC | DIST | REVISIONS |     |                           |           |     |
|-----|------|-----------|-----|---------------------------|-----------|-----|
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN |
|     |      | M         |     | REVISED PER ECO-15-004948 | 27APR2015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



RECOMMENDED P.C. BOARD HOLE-LAYOUT



| ACCESSORIES | ITEM NO. | DESCRIPTION OF ACCESSORY           | 106505-2 | 1-106505-2 | 2-106505-2 | 3-106505-2 | 4-106505-2 | 5-106505-2 | 6-106505-2 | 7-106505-2 | 8-106505-2 | 9-106505-2 |
|-------------|----------|------------------------------------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|             | 5        | BUSHING WITH THROUGH-HOLE 3,1 DIA. | 2        |            |            |            |            | 2          |            |            |            |            |
|             | 5        | BUSHING WITH INNER THREAD 4-40 UNC |          | 2          |            |            |            |            | 2          |            |            |            |
|             | 5        | BUSHING WITH INNER THREAD M3       |          |            | 2          |            |            |            |            | 2          |            |            |
|             | 4        | FEMALE SCREWLOCK WITH 4-40 UNC     |          |            |            | 2          |            |            |            |            | 2          |            |
|             | 4        | FEMALE SCREWLOCK WITH M3           |          |            |            |            | 2          |            |            |            |            | 2          |
|             | 7        | BOARDLOCK                          | 2        | 2          | 2          | 2          | 2          |            |            |            |            |            |
|             |          |                                    |          |            |            |            |            |            |            |            |            |            |

- 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, COLOR : BLACK
- 3 CONTACTS : PHOSPHOR BRONZE (PLATING : SEE NOTES ABOVE)
- 4 FEMALE SCREWLOCK : TIN PLATED STEEL (INNER THREAD 4-40 UNC OR M3)
- 5 BUSHING : TIN PLATED STEEL (INNER THREAD 4-40 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 COLOR : BLACK

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