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3

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

RECOMMENDED P.C. BOARD HOLE-LAYOUT

| ACCESSORIES | ITEM NO. | DESCRIPTION OF ACCESSORY | QUANTITY | | | | | | | | | | | |
|-------------|----------|------------------------------------|----------|---|---|---|---|---|---|---|---|---|---|--|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| | 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 THE 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 | APVD | NAME | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | HD-20 SIZE 2 RIGHT ANGLE RECEPTACLE HEADER; MARK II | |
| 0 PLC ± - | | APPLICATION SPEC | | SIZE | |
| 1 PLC ± 0.3 | | WEIGHT | | CAGE CODE | |
| 2 PLC ± 0.15 | | CUSTOMER DRAWING | | DRAWING NO | |
| 3 PLC ± - | | SCALE | | RESTRICTED TO | |
| 4 PLC ± - | | SHEET | | 1 OF 1 | |
| ANGLES ± 2° | | REV | | M | |
| FINISH | | A2 | | 00779 | |
| | | C=106506 | | | |

1471-9 (3/11)

106506

B

A

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