



P.C. BOARD MOUNTING DIMENSIONS

1. CONNECTOR MATES WITH ANY 50 POS. RECEPTACLE IN AMPLIMITE SERIES & COMPLIES WITH AMP SPEC. 108-40,005 WHERE APPLICABLE.
2. FLAME RETARDANT 94V-0 RATED THERMOPLASTIC; COLOR: BLACK.
3. BRASS PER MIL-C-50.
4. GOLD PLATING PER MIL-G-45204, TIN PLATING PER MIL-T-10727, NICKEL PLATING PER QQ-N-290.
5. GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100 MIN TIN-LEAD ON OPPOSITE END, BOTH OVER .000050 MIN NICKEL.
OR
PALLADIUM NICKEL PLATED FOR LENGTH OF .150 MIN FROM MATING END, OVER .000030 MIN PALLADIUM NICKEL IN MATED AREA, .000100 MIN TIN-LEAD ON OPPOSITE END, BOTH OVER .000050 MIN NICKEL.
6. .000050 GOLD FOR LENGTH OF .150 MIN FROM MATING END, GOLD FLASH ON REMAINDER. ALL OVER .000050 NICKEL ON ENTIRE CONTACT.
7. GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, GOLD FLASH IN MATED AREA. .000100 MIN TIN ON SOLDER END, BOTH OVER .000050 MIN NICKEL.

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| OBSOLETE | △ | 206971-5 |
| OBSOLETE | △ | 206971-4 |
| OBSOLETE | △ | 206971-3 |
| | △ | 206971-2 |
| | △ | 206971-1 |
| CONTACT FINISH | | PART NUMBER |

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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN J. POLIGNONE 01FEB07 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| DIMENSIONS: INCHES | | CHK E. BRIANT 01FEB07 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD E. BRIANT 01FEB07 | NAME |
| 0 PLC ± - | | PRODUCT SPEC | PLUG ASSEMBLY, SIZE 5, 50 POS., RIGHT ANGLE, .590 SERIES, .025 SQ. POSTS, AMPLIMITE HD-20 |
| 1 PLC ± .005 | | APPLICATION SPEC | 108-40025 |
| 2 PLC ± .005 | | SIZE | 114-40015 |
| 3 PLC ± - | | WEIGHT | A1 00779 |
| 4 PLC ± - | | CUSTOMER DRAWING | SCALE 4:1 SHEET 1 OF 1 REV M |
| ANGLES ± ° | | | |
| FINISH △ | SEE TABLE | | |