



- THIS PLUG WILL MATE WITH ANY 15 POSN. SIZE 2 RECEPTACLE IN AMPLIMITE SERIES.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS PLUG IS 0.068 [1.73]
- SST RETENTION CLIPS ARE INCLUDED IN INSERTS.
- THIS PLUG IS DESIGNED TO CONFORM TO THE LATEST ISSUE OF MIL-C-24308.
- 445006-1, -2 & 5--1 ARE SUPPLIED WITHOUT CONTACTS, 445006-3 & -4 SUPPLIED WITH CONTACTS.
- THIS PLUG WILL ACCEPT SIZE 20 DM PIN CONTACT M39029/64-369 OR ANY AMP SIZE 20 DF PIN CONTACT.
- FINISH: PLATED CADMIUM PER QQ-P-416, YELLOW CHROMATE.
- FINISH: TIN PLATED PER MIL-T-10727.
- FINISH: ZINC PLATED PER ASTM-B-633 .000200 MIN THK WITH SUPPLEMENTARY CHROMATE (Cr3+).

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|--|-------------|--------------------|---------------------|-------------|
| NO CONTACTS | - | 9 | 9 | 5-445006-1 |
| GOLD PER ASTM-B-488 OVER NICKEL PER QQ-N-290 | .030 [0.76] | 7 | 8 | 445006-4 |
| GOLD PER ASTM-B-488 OVER COPPER PER AMS2410 | .018 [0.46] | 7 | 8 | 445006-3 |
| NO CONTACTS | - | 7 | 8 | 445006-2 |
| NO CONTACTS | - | 7 | 7 | 445006-1 |
| CONTACT FINISH | DIM A REF | REAR SHELL PLATING | FRONT SHELL PLATING | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN C.C. THOMAS 9/18/98 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| 0 PLC ± - | 1 PLC ± - | 9-18-98 | |
| 2 PLC ± - | 3 PLC ± - | J. NORTON 9-18-98 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| 4 PLC ± .005 [0.13] | ANGLES ± - | J. NORTON 9-18-98 | |
| MATERIAL | FINISH | APPLICATION SPEC | NAME: PLUG ASSY, AMPLIMITE, 15 POSN. SIZE 2, SERIES 109, BLINDMATE |
| | | WEIGHT | SIZE: A1 00779 C=445006 |
| | | CUSTOMER DRAWING | SCALE: 4:1 SHEET 1 OF 1 REV L |