



1. CONNECTOR MATES WITH ANY 9 POSN PLUG IN AMPLIMITE™ SERIES.
2. MOLDED PARTS: FLAME RETARDANT 94V-0 RATED THERMOPLASTIC, BLACK.
SHELL: STEEL PER ASTM A109
CONTACTS: PHOSPHOR BRONZE PER QQ-B-750
EYELETS: BRASS
SCREWLOCKS: ZINC
INSERTS: ZINC
BOARDLOCKS: COPPER ALLOY
3. SHELL: .000100 MIN TIN OR TIN-LEAD
CONTACTS: SEE TABLE
EYELETS: TIN
SCREWLOCKS: CLEAR CHROMATE
BOARDLOCKS: SEE TABLE
INSERTS: CLEAR CHROMATE
4. GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727.
5. GOLD FLASH FOR A DISTANCE OF .100 MIN FROM MATING END, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD ON TERMINATION END, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.
6. .000030 GOLD FOR A DISTANCE OF .100 MIN FROM MATING END, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD ON TERMINATION END, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.
7. SCREWLOCKS & INSERTS WILL WITHSTAND 4 IN LBS TORQUE & 20 LBS PULL OUT FORCE FROM MATING FACE SIDE.
8. DIMENSION APPLIES TO CENTER LINE OF CONTACTS.

| | | | | |
|-------------------|-------------------|------------------|----------------|-------------|
| | THREADED INSERTS | TIN | 6 | 6-747852-7 |
| OBSOLETE | FEMALE SCREWLOCKS | TIN-LEAD | 6 | 747852-6 |
| OBSOLETE | FEMALE SCREWLOCKS | TIN-LEAD | 5 | 747852-5 |
| OBSOLETE | THREADED INSERTS | TIN-LEAD | 6 | 747852-4 |
| SUPSD BY 747852-4 | THREADED INSERTS | TIN-LEAD | 5 | 747852-3 |
| OBSOLETE | .125 DIA HOLES | TIN-LEAD | 6 | 747852-2 |
| OBSOLETE | .125 DIA HOLES | TIN-LEAD | 5 | 747852-1 |
| | MOUNTING HARDWARE | BOARDLOCK FINISH | CONTACT FINISH | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | |
|--------------------|----------------------------------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN | 29 JAN 91 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| | | J. GALLUCCI | 15 APR 91 | |
| | | W.G. LENKER | 15 APR 91 | tyco Electronics RECEPTACLE ASSEMBLY, SIZE 1, RIGHT ANGLE, .478 SERIES, FRONT METAL SHELL, .026 DIA POSTS, BOARDLOCKS, AMPLIMITE™ HD-20 |
| | | J. YOUNG | 15 APR 91 | |
| | | | | |
| | | | | |
| MATERIAL | FINISH | WEIGHT | SIZE | SCALE |
| | | | A1 | 4:1 |
| | | | 00779 | SHEET 1 OF 1 |
| | | | 747852 | REV U |

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