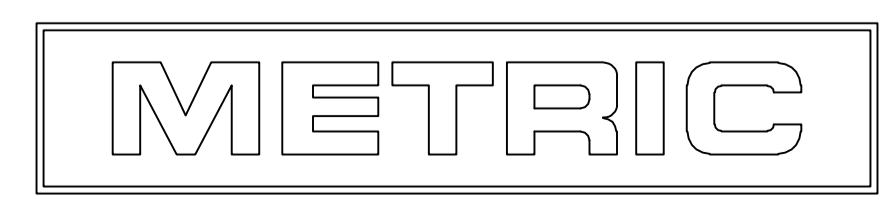


| FINISH | DIM   | A       | NO.OF POSN | ASSEMBLY   | FINISH   | DIM   | A       | NO.OF POSN | ASSEMBLY   |
|--------|-------|---------|------------|------------|----------|-------|---------|------------|------------|
| TIN    | 40.64 | [1.600] | 16         | 4-644702-6 | TIN-LEAD | 40.64 | [1.600] | 16         | 1-644702-6 |
| TIN    | 38.10 | [1.500] | 15         | 4-644702-5 | TIN-LEAD | 38.10 | [1.500] | 15         | 1-644702-5 |
| TIN    | 35.56 | [1.400] | 14         | 4-644702-4 | TIN-LEAD | 35.56 | [1.400] | 14         | 1-644702-4 |
| TIN    | 33.02 | [1.300] | 13         | 4-644702-3 | TIN-LEAD | 33.02 | [1.300] | 13         | 1-644702-3 |
| TIN    | 30.48 | [1.200] | 12         | 4-644702-2 | TIN-LEAD | 30.48 | [1.200] | 12         | 1-644702-2 |
| TIN    | 27.94 | [1.100] | 11         | 4-644702-1 | TIN-LEAD | 27.94 | [1.100] | 11         | 1-644702-1 |
| TIN    | 25.40 | [1.000] | 10         | 4-644702-0 | TIN-LEAD | 25.40 | [1.000] | 10         | 1-644702-0 |
| TIN    | 22.86 | [.900]  | 9          | 3-644702-9 | TIN-LEAD | 22.86 | [.900]  | 9          | 644702-9   |
| TIN    | 20.32 | [.800]  | 8          | 3-644702-8 | TIN-LEAD | 20.32 | [.800]  | 8          | 644702-8   |
| TIN    | 17.78 | [.700]  | 7          | 3-644702-7 | TIN-LEAD | 17.78 | [.700]  | 7          | 644702-7   |
| TIN    | 15.24 | [.600]  | 6          | 3-644702-6 | TIN-LEAD | 15.24 | [.600]  | 6          | 644702-6   |
| TIN    | 12.70 | [.500]  | 5          | 3-644702-5 | TIN-LEAD | 12.70 | [.500]  | 5          | 644702-5   |
| TIN    | 10.16 | [.400]  | 4          | 3-644702-4 | TIN-LEAD | 10.16 | [.400]  | 4          | 644702-4   |
| TIN    | 7.62  | [.300]  | 3          | 3-644702-3 | TIN-LEAD | 7.62  | [.300]  | 3          | 644702-3   |
| TIN    | 5.08  | [.200]  | 2          | 3-644702-2 | TIN-LEAD | 5.08  | [.200]  | 2          | 644702-2   |

- △ MATERIAL: CONNECTOR-NYLON UL94V-0 (RED).  
 CONTACTS-0.30 [.012] THICK COPPER ALLOY  
 (0.00076 [.000030] GOLD)
- CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
  - CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.
  - IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
  - DIMENSIONS IN BRACKETS ARE IN INCHES.
  - HOUSING FEATURES ARE: FEED THRU WITH LOCKING RAMP AND POLARIZING TAB.



THIS DRAWING IS A CONTROLLED DOCUMENT.

|                            |   |  |   |
|----------------------------|---|--|---|
| DIMENSIONS:<br>mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 P.L.C ±<br>1 P.L.C ±<br>2 P.L.C ± 0.13 [.005]<br>3 P.L.C ±<br>4 P.L.C ±<br>ANGLES ± # | DWN S. HOOVER 28-DEC-2004<br>D.W. BOSSI 28-DEC-2004<br>APVD D. BOSSI 28-DEC-2004 | tyco<br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |
| MATERIAL                   | FINISH  | NAME<br>MTA .100 CONNECTOR ASSEMBLY,<br>22 AWG, STANDARD                         | SIZE CASE CODE DRAWING NO<br>A1 00779 C=644702                    |
| CUSTOMER DRAWING           |   | RESTRICTED TO  | SCALE 6:1 SHEET 1 OF 1 REV H                                      |