



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|----------------------------|---------|-----|------|
| CM | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | B | | REVISION PER ECO-07-003728 | 23FEB07 | KW | DB |
| | | B1 | | REVISED PER ECO-09-023313 | 12OCT09 | KK | AEG |

| LEAD FREE | LEAD | NO. OF POSN | ASSEMBLY |
|---------------|------|-------------|----------|
| 38.10 [1.500] | 15 | 4-644577-5 | |
| 35.56 [1.400] | 14 | 4-644577-4 | |
| 33.02 [1.300] | 13 | 4-644577-3 | |
| 30.48 [1.200] | 12 | 4-644577-2 | |
| 27.94 [1.100] | 11 | 4-644577-1 | |
| 25.40 [1.000] | 10 | 4-644577-0 | |
| 22.86 [.900] | 9 | 3-644577-9 | |
| 20.32 [.800] | 8 | 3-644577-8 | |
| 17.78 [.700] | 7 | 3-644577-7 | |
| 15.24 [.600] | 6 | 3-644577-6 | |
| 12.70 [.500] | 5 | 3-644577-5 | |
| 10.16 [.400] | 4 | 3-644577-4 | |
| 7.62 [.300] | 3 | 3-644577-3 | |
| 5.08 [.200] | 2 | 3-644577-2 | |

| CONTAINS LEAD | NO. OF POSN | ASSEMBLY |
|---------------|-------------|------------|
| 38.10 [1.500] | 15 | 4-644577-5 |
| 35.56 [1.400] | 14 | 4-644577-4 |
| 33.02 [1.300] | 13 | 4-644577-3 |
| 30.48 [1.200] | 12 | 4-644577-2 |
| 27.94 [1.100] | 11 | 4-644577-1 |
| 25.40 [1.000] | 10 | 4-644577-0 |
| 22.86 [.900] | 9 | 3-644577-9 |
| 20.32 [.800] | 8 | 3-644577-8 |
| 17.78 [.700] | 7 | 3-644577-7 |
| 15.24 [.600] | 6 | 3-644577-6 |
| 12.70 [.500] | 5 | 3-644577-5 |
| 10.16 [.400] | 4 | 3-644577-4 |
| 7.62 [.300] | 3 | 3-644577-3 |
| 5.08 [.200] | 2 | 3-644577-2 |

△ MATERIAL: CONNECTOR-NYLON UL94V-0 (BLACK).
 CONTACTS-0.30 [.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD 0.00203 [.000080] MIN THICK FOR CONTACTS
 644577-2 THRU 1-644577-5
 MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MIN THICK
 OVER 0.00076 [.000030] MIN THICK NICKEL FOR CONTACTS
 3-644577-2 THRU 4-644577-5.

2. CONTACTS ACCEPT 26 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
 3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.
 4. IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
 5. DIMENSIONS IN BRACKETS ARE IN INCHES.

6. HOUSING FEATURES ARE: FEED THRU WITH LOCKING RAMP.
 △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

△ SUPERSEDED
 △ SUPERSEDED

METRIC

| | | | | |
|--|----------|---------------------------|--|---------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. HOOVER 03-DEC-2004 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK D. BOSSI 03-DEC-2004 | NAME MTA .100 CONNECTOR ASSEMBLY 26 AWG, BLACK UL94V-0, SPECIAL | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD D. BOSSI 03-DEC-2004 | PRODUCT SPEC 108-1019 | |
| 0 PLC ± | 1 PLC ± | APPLICATION SPEC 114-1050 | | |
| 2 PLC ± 0.13 [.005] | 3 PLC ± | SIZE A2 | CAGE CODE 00779 | DRAWING NO C=644577 |
| 4 PLC ± | ANGLES ± | RESTRICTED TO | | |
| MATERIAL △ | FINISH △ | WEIGHT | | |
| CUSTOMER DRAWING | | SCALE 5:1 | SHEET 1 OF 1 | REV B1 |

AMP 1471-9 REV 31MAR2000