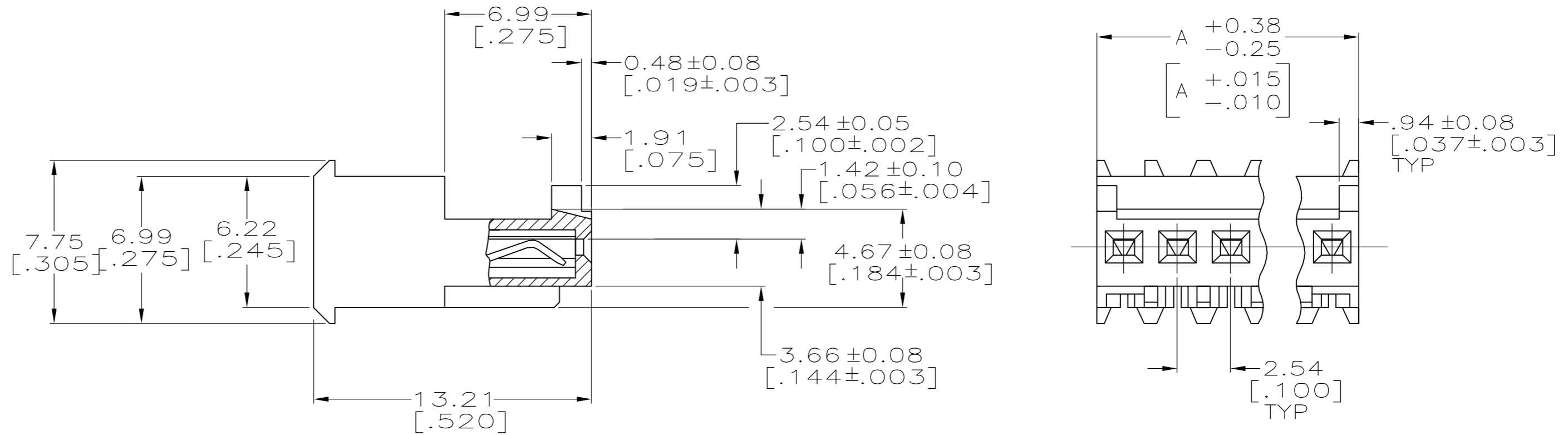
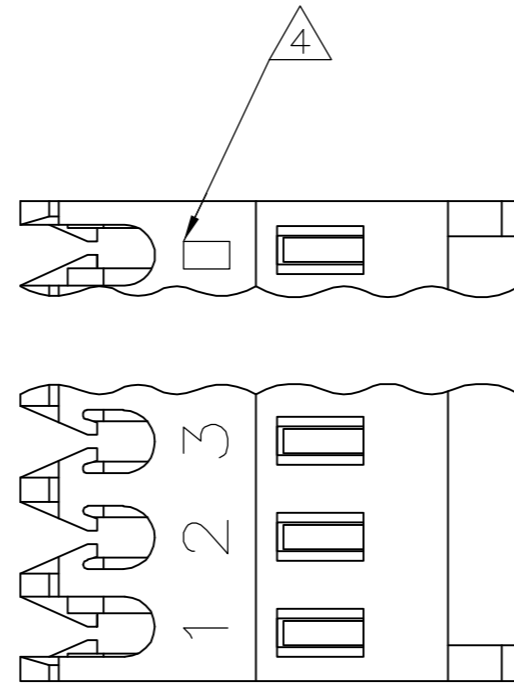


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| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|-----------------------|---------|-------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| CM | 00 | B | REV PER ECO-07-003709 | 21FEB07 | KW DB |



- ① MATERIAL: CONNECTOR - NYLON UL94V-2 (GREEN).
 CONTACTS - 0.30[.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
 FOR 644565-2 THRU 2-644565-8.
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
 NICKEL UNDERPLATE FOR 3-644565-2 THRU 4-644565-5.
- 2. CONTACTS ACCEPT 28 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
- 3. CONTACTS MUST ACCEPT 0.64±0.03[.025] 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 AND WITH POLARIZING TAB.

| | | | |
|----------|--------------|-----------------|------------|
| YES | 38.10[1.500] | 15 | 4-644565-5 |
| YES | 35.56[1.400] | 14 | 4-644565-4 |
| YES | 33.02[1.300] | 13 | 4-644565-3 |
| YES | 30.48[1.200] | 12 | 4-644565-2 |
| YES | 27.94[1.100] | 11 | 4-644565-1 |
| YES | 25.40[1.000] | 10 | 4-644565-0 |
| YES | 22.86[.900] | 9 | 3-644565-9 |
| YES | 20.32[.800] | 8 | 3-644565-8 |
| YES | 17.78[.700] | 7 | 3-644565-7 |
| YES | 15.24[.600] | 6 | 3-644565-6 |
| YES | 12.70[.500] | 5 | 3-644565-5 |
| YES | 10.16[.400] | 4 | 3-644565-4 |
| YES | 7.62[.300] | 3 | 3-644565-3 |
| YES | 5.08[.200] | 2 | 3-644565-2 |
| NO | 38.10[1.500] | 15 | 1-644565-5 |
| NO | 35.56[1.400] | 14 | 1-644565-4 |
| NO | 33.02[1.300] | 13 | 1-644565-3 |
| NO | 30.48[1.200] | 12 | 1-644565-2 |
| NO | 27.94[1.100] | 11 | 1-644565-1 |
| NO | 25.40[1.000] | 10 | 1-644565-0 |
| NO | 22.86[.900] | 9 | 644565-9 |
| NO | 20.32[.800] | 8 | 644565-8 |
| NO | 17.78[.700] | 7 | 644565-7 |
| NO | 15.24[.600] | 6 | 644565-6 |
| NO | 12.70[.500] | 5 | 644565-5 |
| NO | 10.16[.400] | 4 | 644565-4 |
| NO | 7.62[.300] | 3 | 644565-3 |
| NO | 5.08[.200] | 2 | 644565-2 |
| LEADFREE | DIM A | NO. OF CIRCUITS | PART NO. |

METRIC

| | | | | |
|---|-------------|----------------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. CARPENTER 08AUG2003 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK D. BOSSI 08AUG2003 | NAME MTA 100 CONNECTOR ASSEMBLY, 28 AWG, STANDARD | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 0.13 [.005] 4 PLC ± ANGLES ± | | APVD D. BOSSI 08AUG2003 | PRODUCT SPEC 108-1050 APPLICATION SPEC 114-1019 | |
| MATERIAL ① | FINISH ① | WEIGHT | SIZE A2 | CAGE CODE 00779 |
| CUSTOMER DRAWING | | DRAWING NO C=644565 | RESTRICTED TO - | SCALE 5:1 |
| | | SHEET 1 of 1 | REV B | |