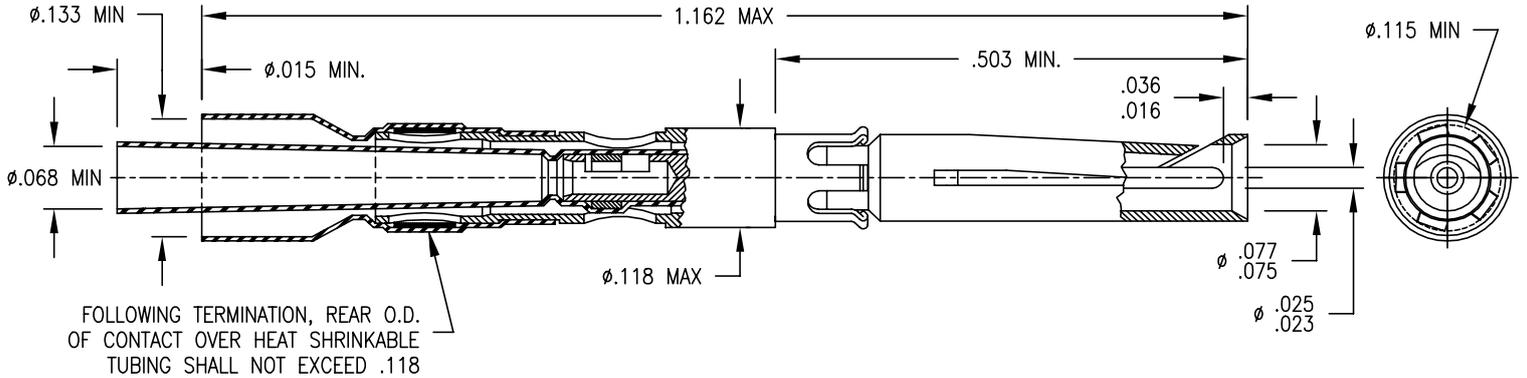


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| REVISIONS | | | |
|-----------|---------------------------|----------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| J | REVISED PER ECN# T-1061 | 06/23/88 | M.HIGGY |
| K | REVISED PER ECN# T-21227 | 01/17/97 | M.HIGGY |
| M | REVISED PER DCR# D030456 | 10/31/03 | M.HIGGY |
| M1 | REVISED PER ECN-21-112980 | 08/13/21 | LR |



NOTES:

1. THIS CONTACT IS DESIGNED FOR USE IN MIL-DTL-28748, SIZE 16 CAVITIES.
2. THIS CONTACT IS DESIGNED TO ACCOMMODATE A 22 THRU 26 AWG TWISTED PAIR. OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
3. FOR TERMINATION PROCEDURE, SEE RAYCHEM SPECIFICATION ES 61199.
4. MATING CONTACT (FOR SIMILAR CABLES): D-602-0126 AND D-602-54.
5. WHEN CONTACT IS ASSEMBLED INTO MULTI CAVITY CONNECTORS, D-602-55, WHICH IS SUPPLIED WITH CHA-0001 ALIGNMENT BUSHING, SHOULD BE PURCHASED INSTEAD OF D-602-0127. ALIGNMENT BUSHING ALSO MAY BE PURCHASED SEPARATELY.
6. THIS CONTACT MEETS RAYCHEM SPECIFICATION D-6002.

CONTACT CHARACTERISTICS:

MATERIALS:

1. OUTER BODY: COPPER ALLOY PER ASTM B196.
PLATING: GOLD PER ASTM B488 (MIL-G-45204), NICKEL PER AMS QQ-N-290, OVER COPPER FLASH.
2. INNER CONTACT: BRASS PER ASTM B16/B16M.
PLATING: GOLD PER ASTM B488 (MIL-G-45204), NICKEL PER AMS QQ-N-290, OVER COPPER FLASH.
3. RETAINING CLIP: COPPER ALLOY PER ASTM B194.
PLATING: NICKEL PER AMS QQ-N-290.
4. DIELECTRIC: ETFE FLUOROPOLYMER PER ASTM D3159.
5. SOLDER: SN63 PER ANSI/J-STD-006.
FLUX: ROLO PER ANSI/J-STD-004.
6. CABLE SUPPORT: HEAT-SHRINKABLE, RADIATION CROSS-LINKED POLYVINYLIDENE FLUORIDE.

PERFORMANCE:

- TEMPERATURE RATING: 125°C MAXIMUM
 CURRENT RATING: 3 AMPS
 VOLTAGE RATING: DIELECTRIC WITHSTANDING VOLTAGE: 900 VOLTS RMS MAXIMUM.
 CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM (INNER)
 8 MILLIOHMS MAXIMUM (OUTER)
 INSULATION RESISTANCE: 5,000 MEGAOHMS MINIMUM.
 ENGAGEMENT FORCE: OUTER SOCKET: 20.0 OZ. MAXIMUM
 SEPARATION FORCE: OUTER SOCKET: 2.0 OZ. MINIMUM

SPECIFICATION CONTROL DRAWING

| | | | | | | |
|---|------------------------|----------|----------|-----------|--|----------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± _____ .XX ± _____ ANGLES _____ WEIGHT --- | DRAWN | MFORONDA | 09.17.03 | | Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA. 94025 U.S.A. | |
| | CHECKED | | | | | |
| | APPROVED | M.HIGGY | 09.17.03 | TITLE | SHIELDED CONTACT, SOCKET TWISTED PAIR | |
| | APPROVED | | | CAD NAME: | D030456.dwg | |
| | THIRD ANGLE PROJECTION | | | SIZE | CODE IDENT. NO. | DWG. NO. |
| | | | A | 06090 | D-602-0127 | M1 |
| DO NOT SCALE THIS DRAWING | | | | | SHEET 1 OF 1 | |