

NOTES:

1. PART NUMBER VARIABLE:

MTC100-JXX-X34

P = PIN
 S = SOCKET
 1 = 1 INCH
 2 = 2 INCH
 A = "A" INSERT
 B = "B" INSERT

2. MATERIAL:

- A) PIN/SOCKET INSERT HIGH GRADE POLYARYLENE THERMOPLASTIC.
- B) PIN CONTACT COPPER ALLOY PER QQ-B-613 OR QQ-C-502.
- C) SOCKET CONTACT COPPER ALLOY PER QQ-B-750.
- D) INTERFACIAL SEAL SILICONE ELASTOMER PER ZZ-R-765.
- E) SolderSleeve® REFER TO RAYCHEM DRAWING CTA-0065 FOR DETAILS

3. FINISH:

- A) PIN/SOCKET INSERT AS MOLDED.
- B) PIN/SOCKET CONTACT GOLD PLATE PER MIL-G-45204, CLASS 1.
- C) CONTACT TAIL SOLDER COATED PER QQ-S-571 (Sn96)

 NUMBER ONE POSITION IS MARKED AS SHOWN IN CONTRASTING COLOR ON INTERFACE.

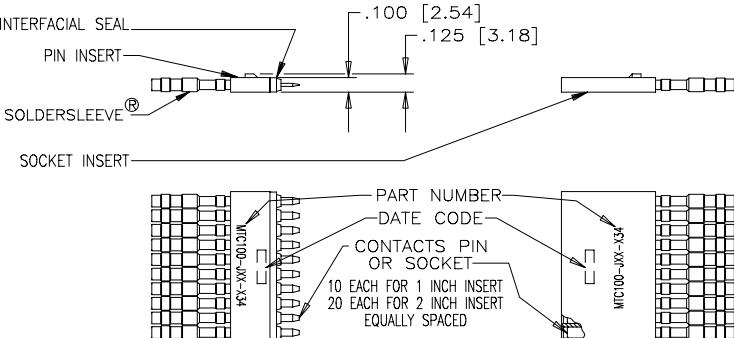
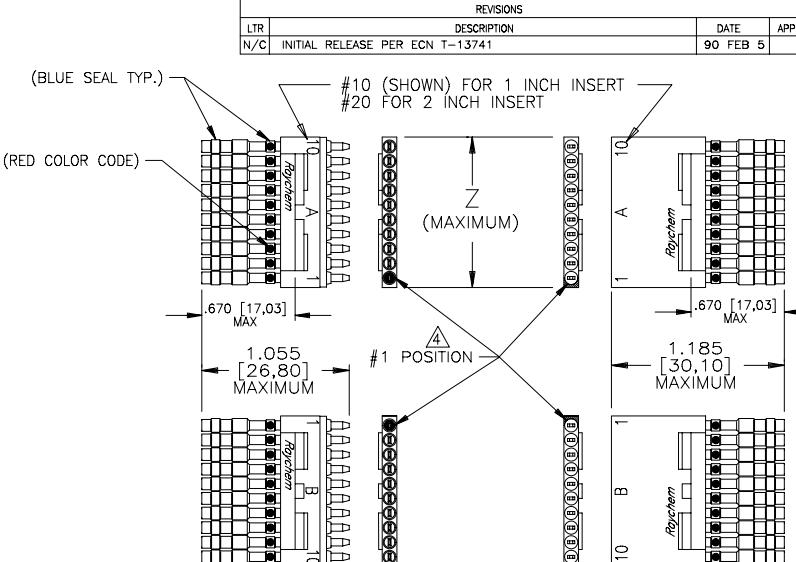
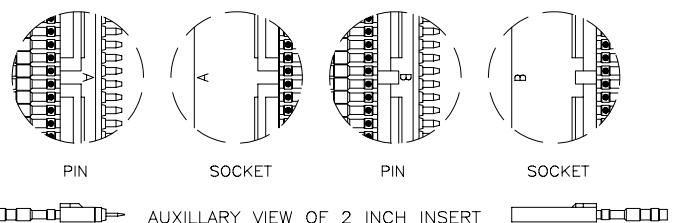
5. THIS INSERT MEETS THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111.

If this document is printed it becomes uncontrolled.

Check with the web for latest revision.

| SIZE | WEIGHT MAXIMUM LBS. | WEIGHT MAXIMUM GRAMS | DIM. "Z" |
|------------------|---------------------------|----------------------------|----------|
| 1 INCH INSERT | PIN .0047 | 2.132 | 1.05 |
| | SOCKET .0054 | 2.449 | [26.7] |

| SIZE | WEIGHT MAXIMUM LBS. | WEIGHT MAXIMUM GRAMS | DIM. "Z" |
|------------------|---------------------------|----------------------------|----------|
| 2 INCH INSERT | PIN .0090 | 4.082 | 2.05 |
| | SOCKET .0109 | 4.944 | [52.1] |



| REVISIONS | | DESCRIPTION | | DATE | APPROVED |
|--|-----------------|-------------------------------------|-----|----------|----------|
| ltr | | N/C INITIAL RELEASE PER ECN T-13741 | | 90 FEB 5 | J.B. |
| SPECIFICATION CONTROL DRAWING © Raychem Corporation 1989 | | | | | |
| RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 | | | | | |
| TITLE PRE-ASSEMBLED SOLDER SLEEVE INSERT, 150°C OPERATING TEMPERATURE MTC100 SERIES | | | | | |
| SIZE | CODE IDENT. NO. | DWG. NO. | REV | | |
| C | 06090 | MTC100-JXX-X34 | N/C | | |
| DO NOT SCALE THIS DRAWING | | | | | |
| SHEET 1 OF 1 | | | | | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
METRIC DIMENSIONS ARE
IN BRACKETS.

DECIMALS .XXX ± .005 .13 mm
 XX ± .005 mm

ANGLES .X ±

WEIGHT: MAXIMUM
SEE TABULATION

DRAWN CERDAN 891218
 CHECKED
 APPROVED J.B. 90JAN22
 APPROVED
 CAD NAME 005245-1
 THIRD ANGLE PROJECTION

Mouser Electronics

Authorized Distributor

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[MTC100-JB1-S34](#)