

# 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:

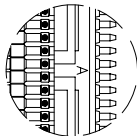
- A) PIN/SOCKET INSERT AS MOLDED.  
B) PIN/SOCKET CONTACT GOLD PLATE PER MIL-G-45204, CLASS 1.  
C) CONTACT TAIL SOLDER COATED PER QQ-S-571 (Sn96)

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

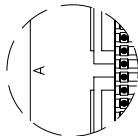
5. THIS INSERT MEETS THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111.

If this document is printed it becomes uncontrolled.  
Check with the web for latest revision.

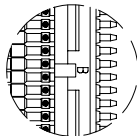
SIZE		WEIGHT MAXIMUM LBS.	GRAMS	DIM. "Z"
1 INCH INSERT	PIN	.0047	2.132	1.05 [26,7]
	SOC.	.0054	2.449	
2 INCH INSERT	PIN	.0090	4.082	2.05 [52,1]
	SOC.	.0109	4.944	



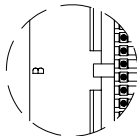
PIN



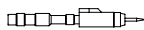
SOCKET



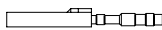
PIN



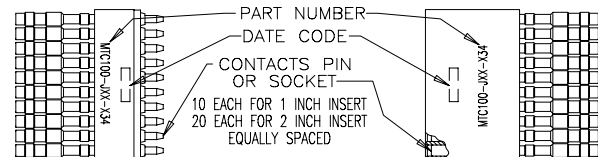
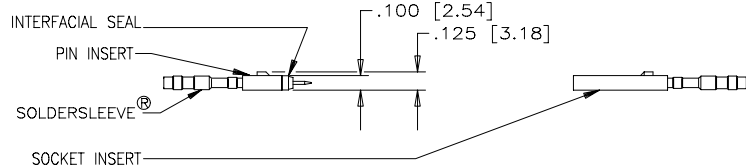
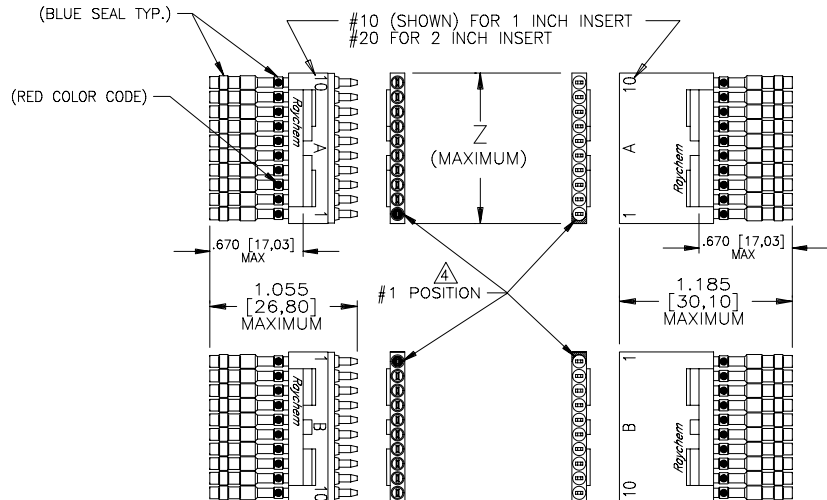
SOCKET




AUXILIARY VIEW OF 2 INCH INSERT  
KEYS/KEYWAYS



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER ECN T-13741	90 FEB 5	J.B.



## SPECIFICATION CONTROL DRAWING © Raychem Corporation 1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	CERDAN	891218	Raychem		RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025				
	CHECKED									
	APPROVED	J.B.	90JAN22	TITLE PRE-ASSEMBLED SOLDERSLEEVE INSERT, 150°C OPERATING TEMPERATURE MTC100 SERIES						
	APPROVED									
DECIMALS .XXX ± .005 .XX ± ANGLES .X ±	.13 mm mm		CAD NAME		005245-1		SIZE	CODE IDENT. NO.	DWG. NO.	REV
WEIGHT: MAXIMUM SEE TABULATION	THIRD ANGLE PROJECTION				C		06090	MTC100-JXX-X34		N/C
DO NOT SCALE THIS DRAWING								SHEET 1 OF 1		

# Mouser Electronics

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