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NOTES:

1. PART NUMBER VARIABLE:

MTC100-EXX-X12

- CTM FOR .100 FCC/FLEXPRINT
- Sn 63
- P= PIN
- S= SOCKET
- 1= 1 INCH
- 2= 2 INCH
- A= "A" INSERT
- B= "B" INSERT
- ENHANCED STANDARD
- MTC CONNECTOR SERIES 100 MIL

2. MATERIAL:

A) PIN/SOCKET INSERT HIGH GRADE POLYARYLENE THERMOPLASTIC.
 B) PIN CONTACT COPPER ALLOY PER ASTM B36, ASTM B36M
 C) SOCKET CONTACT COPPER ALLOY PER ASTM B103, ASTM B103M (A).
 D) CABLE AND INSERT SEAL MODIFIED THERMOPLASTIC HOT MELT SEALANT.
 E) INTERFACIAL SEAL FLUOROSILICONE PER MIL-R-25988.
 F) TERMINATION MODULE TRANSPARENT BLUE HEAT SHRINKABLE, RADIATION CROSS LINKED PVF .2

3. FINISH:

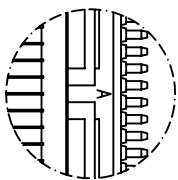
A) PIN/SOCKET INSERT AS MOLDED.
 B) PIN/SOCKET CONTACT GOLD PLATE PER ASTM B488, CLASS 1, TYPE 2, GRADE C.
 C) CONTACT TAIL SOLDER COATED PER IPC J-STD 006 (Sn63), FLUX COATED PER IPC J-STD 006, TYPE RMA.

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

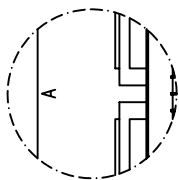
5. THESE INSERTS MEET THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111.

TABULATION

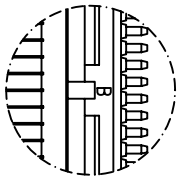
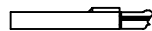
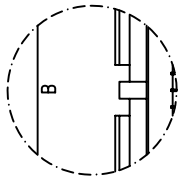
SIZE		WEIGHT MAXIMUM LBS.	GRAMS	DIM. "Y"	DIM. "Z"
1 INCH INSERT	PIN	.0053	2.404	1.15	1.05
	SOC.	.0060	2.722	[29.2]	[26.7]
2 INCH INSERT	PIN	.0103	4.7	2.15	2.05
	SOC.	.0119	5.398	[54.6]	[52.1]



PIN

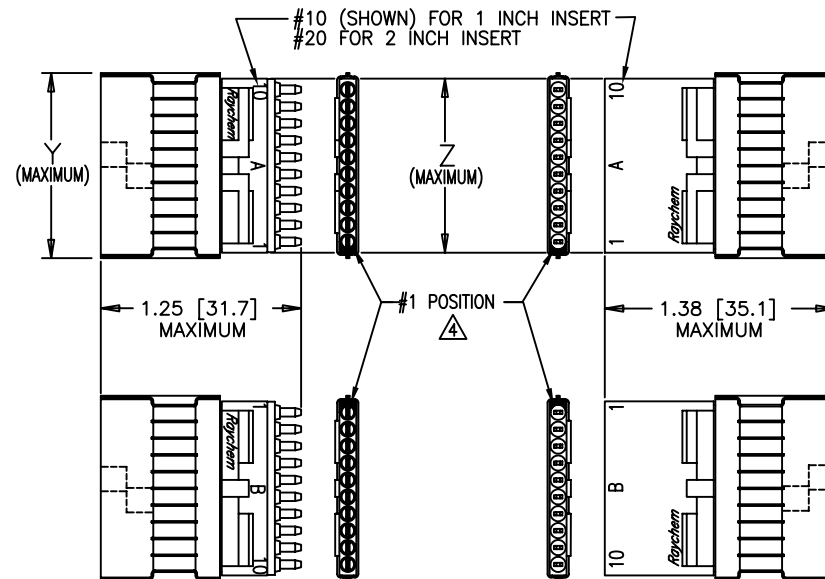


SOCKET

AUXILIARY VIEW
OF 2 INCH INSERT
KEYS/KEYWAYS

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

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
D	REVISED PER ECN T-19487	FEB-08-05	M. HIGGY
E	PER ECO-10-004620	MAR-3-2010	M. HIGGY

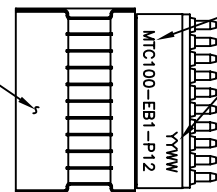


PIN INSERT

INTERFACIAL SEAL

SOCKET INSERT

TERMINATION MODULE
COMMON TO PIN AND
SOCKET ASSEMBLIES
(INCLUDES CABLE
AND INSERT SEALS)



PART NUMBER

DATE CODE

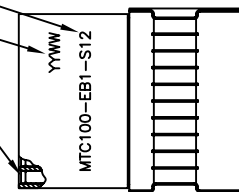
CONTACTS PIN

OR SOCKET

10 EACH FOR 1 INCH INSERT

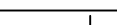
20 EACH FOR 2 INCH INSERT

EQUALLY SPACED



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CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	LUTTICKEN	87SEPT15	 Tyco Electronics	Raychem Interconnect 390 Constitution Drive Menlo Park, CA 94025 U.S.A		
	CHECKED	J.B.					
	APPROVED	J.BLAIR	87OCT02				
	APPROVED						
DECIMALS .XXX ± .005 .XX ±	.13 mm mm			TITLE ASSEMBLY, INSERT, FLAT CABLE TERMINATION, TEMPERATURE RATING 125 CELSIUS DEGREE MTC 100 SERIES			
ANGLES .X ±							
WEIGHT: MAXIMUM SEE TABULATION	CAD NAME	MTC100-EXX-X12		SIZE	CAGE CODE: 06090	DWG. NO. MTC100-EXX-X12	REV E
	THIRD ANGLE PROJECTION			SCALE: NONE		SHEET 1 OF 1	

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SHEET 1
MTC100-EXX-X12

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[MTC100-EB2-S12](#)