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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:

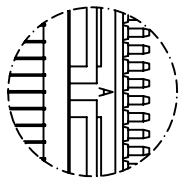
- A) PIN/SOCKET INSERT AS MOLDED.  
 B) PIN/SOCKET CONTACT GOLD PLATE PER ASTM B488, CLASS 1, TYPE 2, GRADE C.  
 C) CONTACT TAIL SOLDER COATED PER IPC J-STD 006 (Sn63),  
 FLUX COATED PER IPC J-STD 006, TYPE RMA.

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

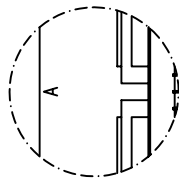
5. THESE INSERTS MEET THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111.

## TABULATION

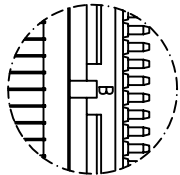
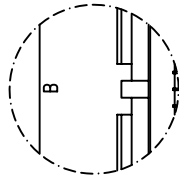
SIZE		WEIGHT MAXIMUM LBS.	GRAMS	DIM. "Y"	DIM. "Z"
1 INCH INSERT	PIN	.0053	2.404	1.15	1.05
	SOC.	.0060	2.722	[29.2]	[26.7]
2 INCH INSERT	PIN	.0103	4.7	2.15	2.05
	SOC.	.0119	5.398	[54.6]	[52.1]



PIN

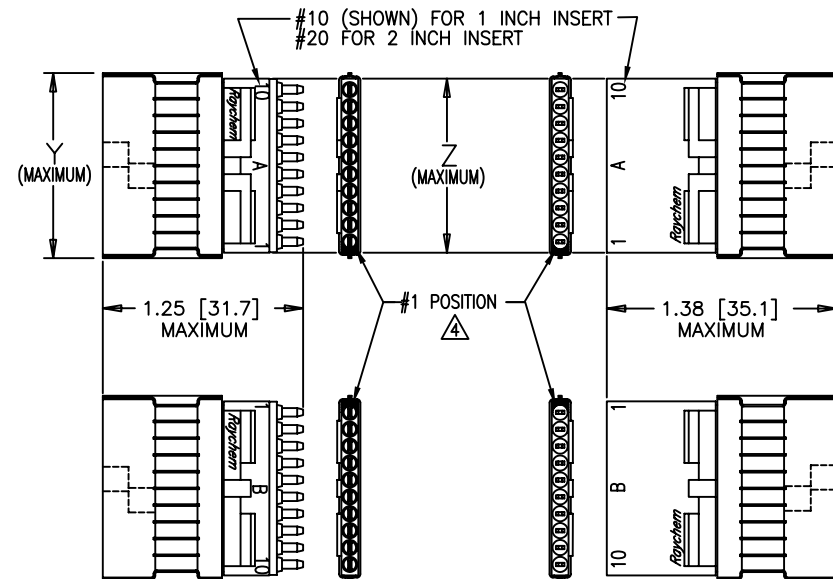


SOCKET

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

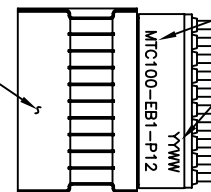


PIN INSERT

INTERFACIAL SEAL

SOCKET INSERT

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




PART NUMBER

DATE CODE

CONTACTS PIN  
OR SOCKET10 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	 <b>Tyco Electronics</b>	Raychem Interconnect 390 Constitution Drive Menlo Park, CA 94025 U.S.A.		
	CHECKED	J.B.					
	APPROVED	J.BLAIR	87OCT02				
	APPROVED						
DECIMALS .XXX ± .005 .XX ±	THIRD ANGLE PROJECTION			TITLE ASSEMBLY, INSERT, FLAT CABLE TERMINATION, TEMPERATURE RATING 125 CELSIUS DEGREE MTC 100 SERIES			
ANGLES .X ±	MTC100-EXX-X12						
WEIGHT: MAXIMUM SEE TABULATION	SCALE: NONE						
	SHEET 1 OF 1						

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SHEET 1  
MTC100-EXX-X12

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