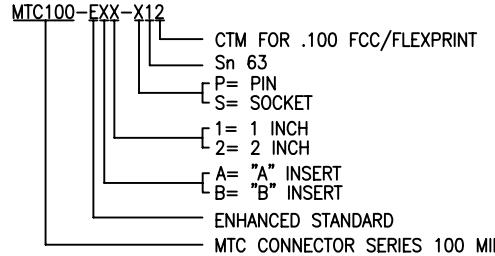


NOTES:

1. PART NUMBER VARIABLE:



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 PVF²

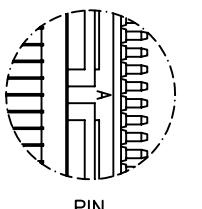
3. FINISH:

- 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.

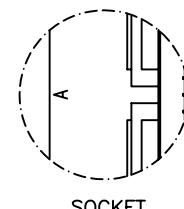
⚠ NUMBER ONE POSITION IS MARKED AS SHOWN IN CONTRASTING COLOR ON INTERFACE.

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

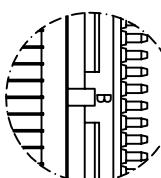
TABULATION			
SIZE	WEIGHT MAXIMUM LBS. GRAMS	DIM. "Y"	DIM. "Z"
1 INCH INSERT	PIN .0053 2.404 SOC. .0060 2.722	1.15 [29.2]	1.05 [26.7]
2 INCH INSERT	PIN .0103 4.7 SOC. .0119 5.398	2.15 [54.6]	2.05 [52.1]



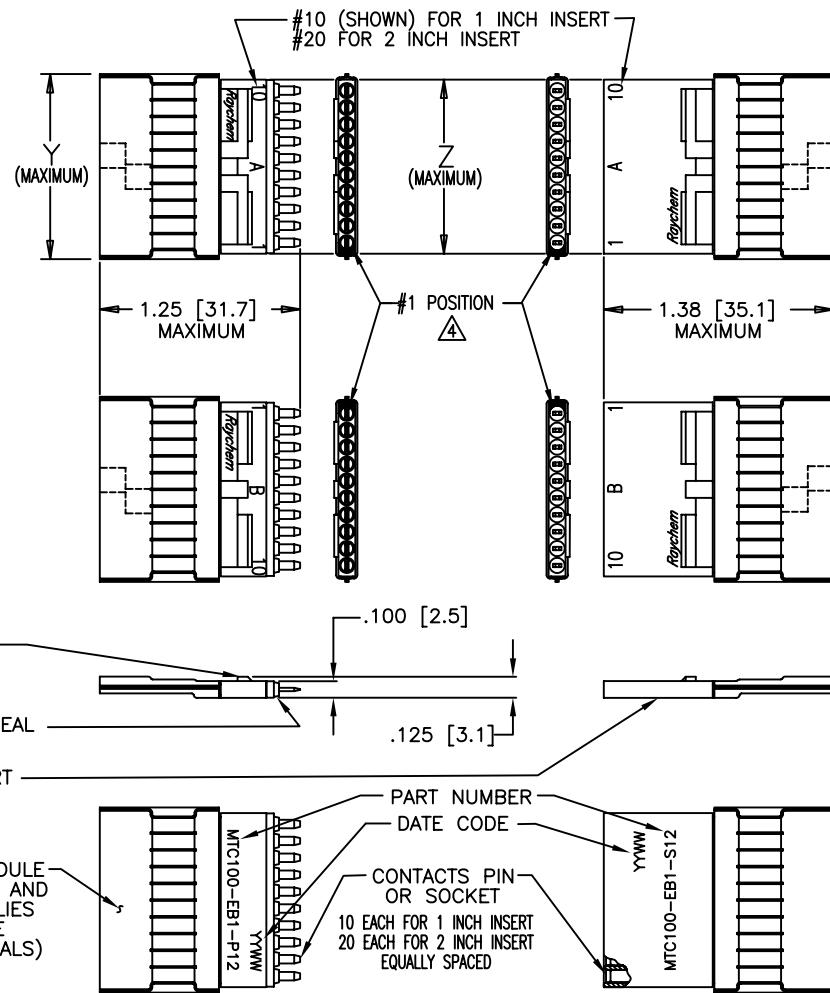
PIN



SOCKET

AUXILIARY VIEW
OF 2 INCH INSERT
KEYS/KEYWAYS

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



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

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