NOTES:

1. THIS INSERT IS DESIGNED FOR USE IN RAYCHEM CONNECTOR HOUSING MTC100-JH2-XXX. (SEE RAYCHEM INFORMATION DRAWING D-659-0097 AND HOUSING SPECIFICATION CONTROL DRAWING FOR FURTHER DETAILS).

2. PART DESCRIBED HEREON IS SUPPLIED AS SHOWN. IF CONTACTS, SEALING PLUGS, AND TOOLS ARE DESIRED, THE FOLLOWING MODIFICATION NUMBER IS TO BE ADDED TO THE PART NUMBER ON THE KIT PACKAGING LABEL ONLY:

MOD NO.	DESCRIPTION
022	WITH CONTACTS AND SEALING PLUGS
023	WITH CONTACTS, SEALING PLUGS AND TOOL

REFERENCE RAYCHEM INFORMATION DRAWING D-659-0097 FOR CRIMP TOOLS OR ADDITIONAL CONTACTS, SEALING PLUGS OR TOOLS.

3. GROMMET DESIGNED TO SEAL ON WIRES HAVING AN INSULATION DIAMETER OF 0.030 TO 0.065.
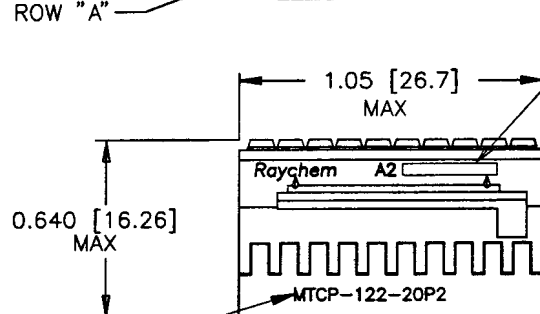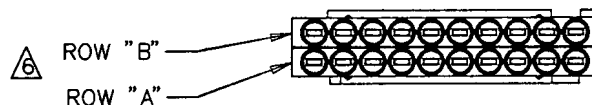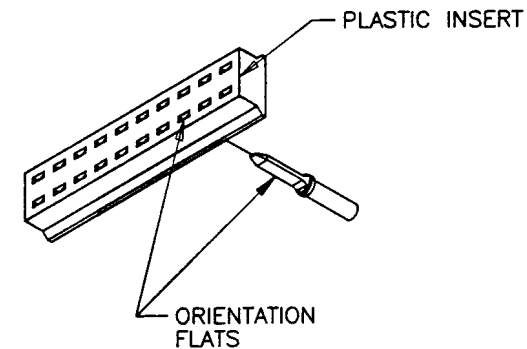
4. PERFORMANCE:
THIS PRODUCT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6115.

5. MATERIALS:
A) PLASTIC INSERT   HIGH GRADE POLYARYLENE THERMOPLASTIC
B) GROMMET   FLUOROSILICONE PER MIL-R-25988
C) INTERFACIAL SEAL   FLUOROSILICONE PER MIL-R-25988
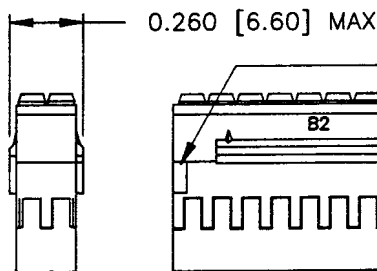D) RETENTION CLIPS (20)   BERYLLIUM COPPER 172 PER QQ-C-533
   (INSIDE PLASTIC INSERT)

6. ROWS "A" AND "B" ARE AN INTEGRAL PART OF THE INSERT. ROWS "A" AND "B" ARE IDENTIFIED ON THE SIDE OF THE INSERT AS "A2" AND "B2".

PLASTIC INSERT

ORIENTATION FLATS

ROW "B"
ROW "A"

DATE CODE

HOUSING ORIENTATION KEY OR KEYWAY

0.260 [6.60] MAX

INTERFACIAL SEAL

1.05 [26.7] MAX

Raychem   A2

B2

0.640 [16.26] MAX

PLASTIC INSERT

MTCP-122-20P2

RAYCHEM PART NO.

GROMMET

ROW "A"
ROW "B"
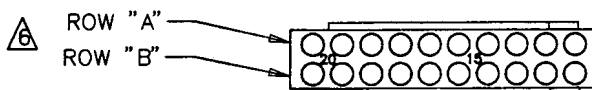
SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	HAWKINGS	87 DEC 3	Raychem	RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025
	CHECKED				
DECIMALS .XXX ± .XX ± N/A { mm { mm	APPROVED	G.F.BLAIR	88 MAR 16	TITLE INSERT, PIN, SECONDARY, 20 CAVITY, SIZE 22-20 REMOVABLE CONTACT 2" CONNECTOR MTC100 SERIES	
	APPROVED	J.CAMERON	88 MAR 16		
ANGLES .X ±	CAD NAME 002321-1.DWG				
WEIGHT 2.06 g MAX.	THIRD ANGLE PROJECTION			SIZE C	CODE IDENT. NO. 06090	DWG. NO. MTCP-122-20P2	REV G

DO NOT SCALE THIS DRAWING   SHEET 1 OF 1

DWG. NO. MTCP-122-20P2   SHEET 1

Mouser Electronics

Authorized Distributor

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[TE Connectivity]():
[MTCP-122-20P2-023]()