

NOTES:

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

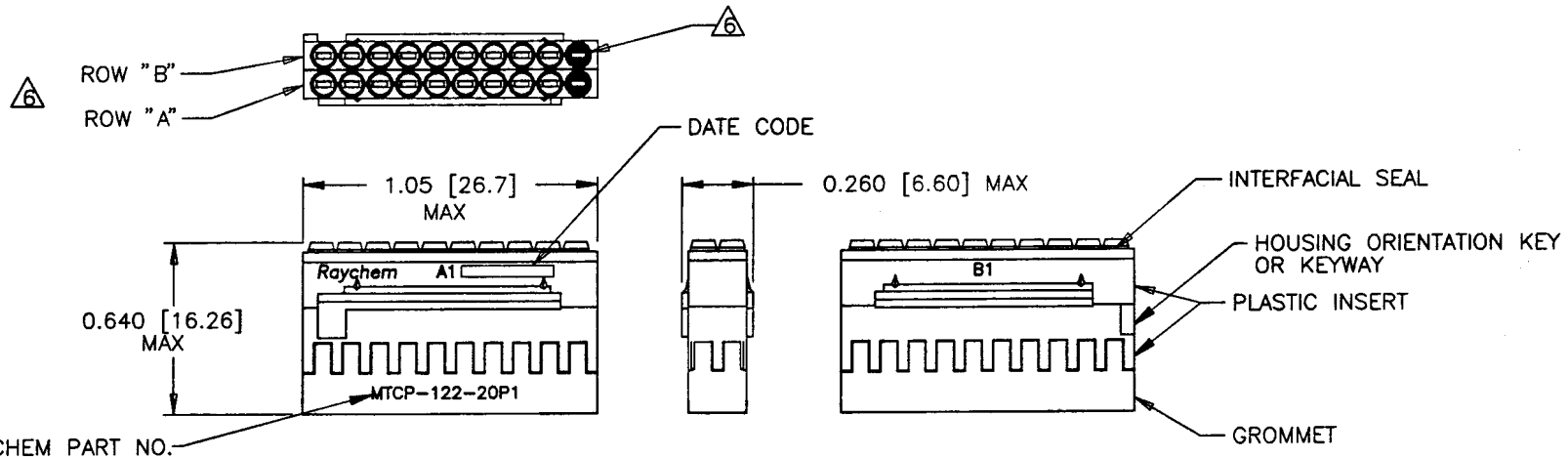
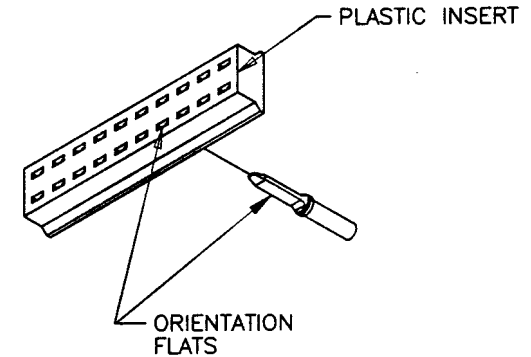
4. PERFORMANCE:  
THIS PRODUCT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6115.

5. MATERIALS:

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

6. NUMBER ONE (1) CAVITIES ARE MARKED IN CONTRASTING COLOR. ROWS "A" AND "B" ARE AN INTEGRAL PART OF THE INSERT. ROWS "A" AND "B" ARE IDENTIFIED ON THE SIDE OF THE INSERT AS "A1" AND "B1".

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
E	REVISED PER ECN T-012895	89 SEPT 7	J. BLAIR
F	REVISED PER ECN T-18576	93OCT12	HIGGY
G	REVISED PER ECN T-20815	96/5/20	M. BLAIR



SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	HAWKINGS	87 DEC 3	Raychem	
	CHECKED			RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025	
DECIMALS .XXX ± .XX ± N/A	APPROVED	G.F. BLAIR	88 MAR 16	TITLE INSERT, PIN, PRIMARY, 20 CAVITY, SIZE 22-20 REMOVABLE CONTACT 2" CONNECTOR MTC100 SERIES	
	APPROVED	J. CAMERON	88 MAR 16	SIZE	CODE IDENT. NO.
ANGLES .X ±	CAD NAME		002322-1.DWG	DWG. NO.	MTCP-122-20P1
WEIGHT	2.06 g MAX.	THIRD ANGLE PROJECTION		REV	G
DO NOT SCALE THIS DRAWING				SHEET 1 OF 1	

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DWG NO. MTCP-122-20P1 SHEET 1

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