

## 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

B) GROMMET

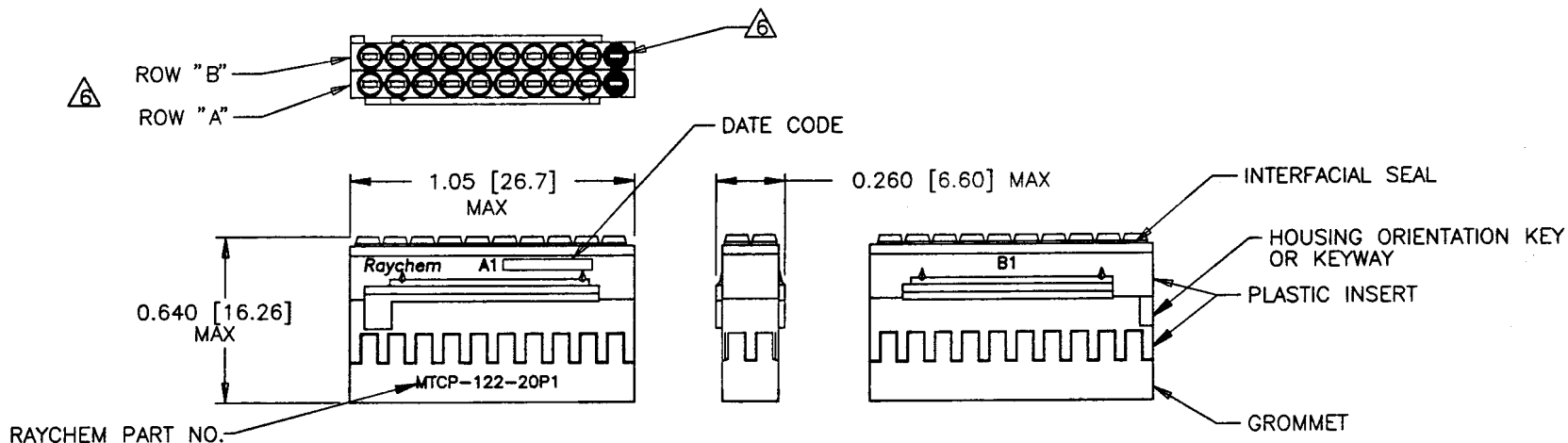
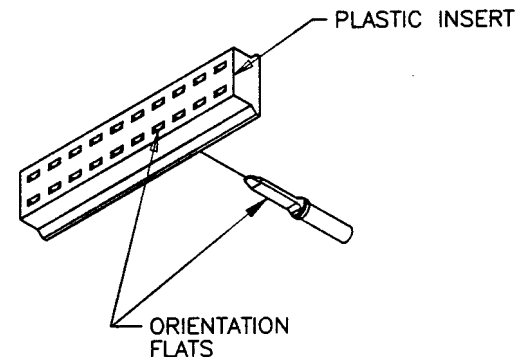
C) INTERFACIAL SEAL

D) RETENTION CLIPS (20)

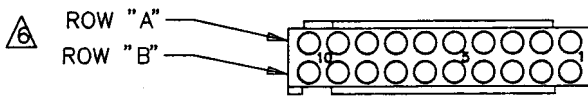
(INSIDE PLASTIC INSERT)

HIGH GRADE POLYARYLENE THERMOPLASTIC  
FLUOROSILICONE PER MIL-R-25988  
FLUOROSILICONE PER MIL-R-25988  
BERYLLIUM COPPER 172 PER QQ-C-533

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".



RAYCHEM PART NO.



## SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	HAWKINGS	87 DEC 3	Raychem		
	CHECKED			TITLE		
	APPROVED	G.F.BLAIR	88 MAR 16	INSERT, PIN, PRIMARY, 20 CAVITY, SIZE 22-20 REMOVABLE CONTACT 2" CONNECTOR MTC100 SERIES		
	APPROVED	J.CAMERON	88 MAR 16	SIZE		
DECIMALS .XXX ± .XX ± ANGLES .X ±	CAD NAME			CODE IDENT. NO.	DWG. NO.	REV
WEIGHT	THIRD ANGLE PROJECTION			06090	MTC100-122-20P1	G
2.06 g MAX.				DO NOT SCALE THIS DRAWING		

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

MTCP-122-20P1

A

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