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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVSED PER ECN-23-244800	26JAN2024	LP	AO

NOTES:

1. THIS INSERT IS DESIGNED FOR USE IN TYCO ELECTRONICS CONNECTOR HOUSING MTC100-XH1-XXX AND MTC100Q-XH1-XXX.

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

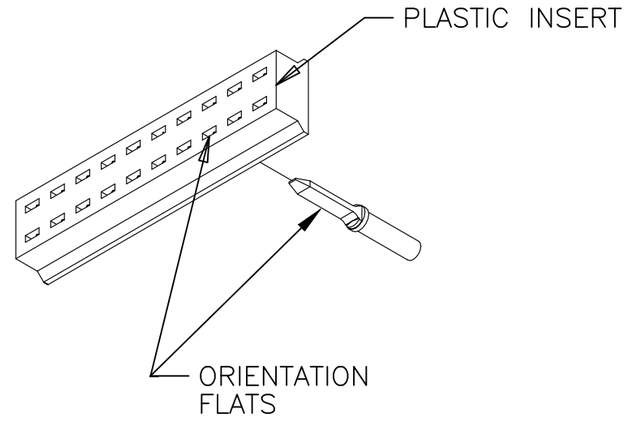
3. GROMMET DESIGNED TO SEAL ON WIRES HAVING AN INSULATION DIAMETER OF 0.030 TO 0.065.

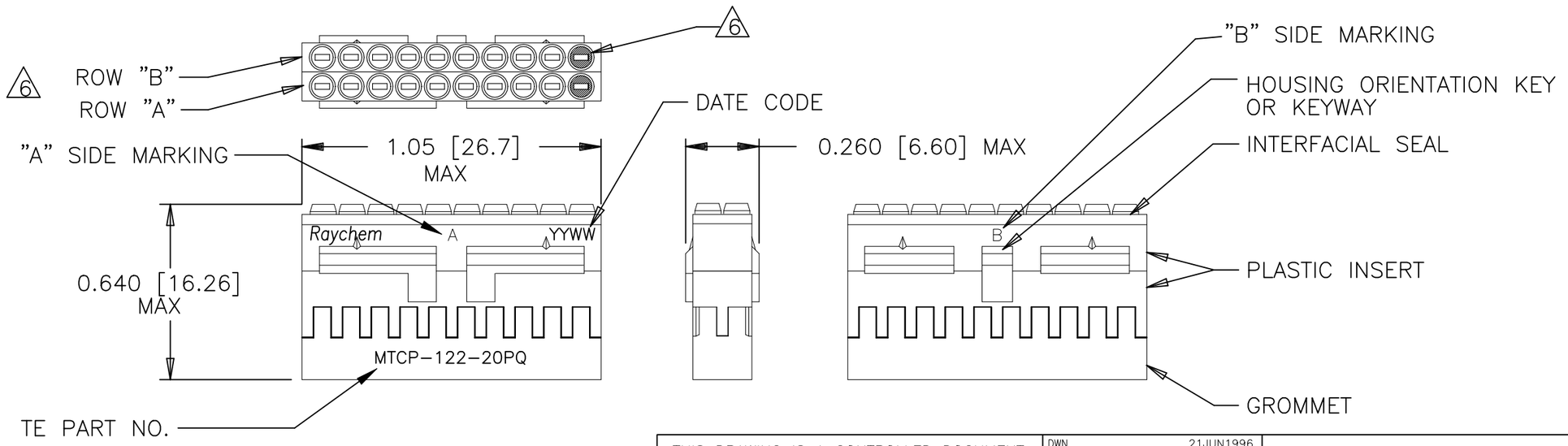
4. PERFORMANCE:
THIS PRODUCT IS QUALIFIED TO THE APPLICABLE REQUIREMENTS OF TYCO ELECTRONICS SPECIFICATION C-6114.

5. MATERIALS:

A)	PLASTIC INSERT	HIGH GRADE POLYARYLENE THERMOPLASTIC
B)	GROMMET	FLUOROSILICONE PER MIL-DLT-25988
C)	INTERFACIAL SEAL	FLUOROSILICONE PER MIL-DLT-25988
D)	RETENTION CLIPS (20) (INSIDE PLASTIC INSERT)	BERYLLIUM COPPER ALLOY 172 PER QQ-C-533 OR 301 STAINLESS STEEL PER TEC-100-309 SPECIAL TEMPER

△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 "A" AND "B". "B" SIDE MARKING OPTIONAL.





THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN	DCP 21JUN1996
CHK	–
APVD	M.HIGGY 25JUL1996
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	0.0049 lbs

TE Connectivity

NAME
INSERT,PIN,20 CAVITY,SIZE 22-20, REMOVABLE CONTACT,1-IN CONNECTOR, MTC100 SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-MTCP-122-20PQ	–

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	1 OF 1	J

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