

4

3

2

1

NOTES:

1. THIS INSERT IS DESIGNED FOR USE IN RAYCHEM CONNECTOR HOUSINGS MTC100-YH2-007, -008, -009, -010. (SEE RAYCHEM INFORMATION DRAWING D-859-0100 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:

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

REFERENCE RAYCHEM INFORMATION DRAWING D-859-0100 FOR CRIMP TOOLS OR ADDITIONAL CONTACTS, SEALING PLUGS OR TOOLS.

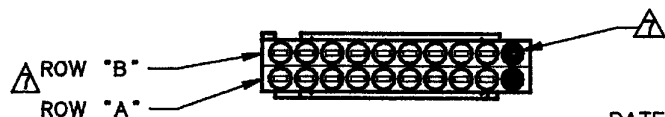
3. GROMMET DESIGNED TO SEAL ON WIRES HAVING AN INSULATION DIAMETER OF 0.030 TO 0.065.

4. PERFORMANCE:
THIS PRODUCT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION D-6014.

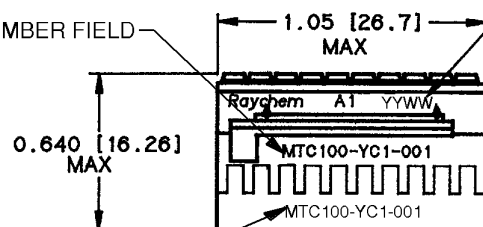
5. MATERIALS:
- | | |
|--|--------------------------------------|
| A) PLASTIC INSERT | HIGH GRADE POLYARYLENE THERMOPLASTIC |
| B) GROMMET | FLUOROSILICONE PER MIL-R-25988 |
| C) INTERFACIAL SEAL (2) | FLUOROSILICONE PER MIL-R-25988 |
| D) RETENTION CLIPS (20)
(INSIDE PLASTIC INSERT) | BERYLLIUM COPPER 172 PER QQ-C-533 |

6. CONFIGURATION CONTROL PER ES 71001 APPLIES.

△ 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" "B" SIDE MARKING OPTIONAL.



PREFERRED PART NUMBER FIELD



DATE CODE



"B" SIDE MARKING OPTIONAL

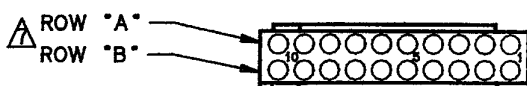
INTERFACIAL SEAL

HOUSING ORIENTATION KEY OR KEYWAY

PLASTIC INSERT

GROMMET

OPTIONAL PART NUMBER FIELD



SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	
DECIMALS	mm
.XXX ±	mm
.XX ±	mm
ANGLES	
.X ±	
WEIGHT	
0.0049 lbs [2.223 g] MAX	

DRAWN	HAWKINS	10-24-86
CHECKED	J.B.	
APPROVED	J. BLAIR	10-30-86
APPROVED	J. CAMERON	10-30-86
GAD NAME	T29694.TIF	
THIRD ANGLE PROJECTION		

TYCO/ELECTRONICS/RAYCHEM			
WIRE AND HARNESSING PRODUCTS 307 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025			
TITLE INSERT, PIN, PRIMARY, 20 CAVITY, SIZE 22-20 REMOVABLE CONTACT 2" CONNECTOR			
MTC100 SERIES			
SIZE	CODE IDENT. NO.	DWG. NO.	REV
C	06090	MTC100-YC1-001	E
DO NOT SCALE THIS DRAWING			
SHEET 1 OF 1			

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

4

3

2

MTC100-YC1-001