

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.

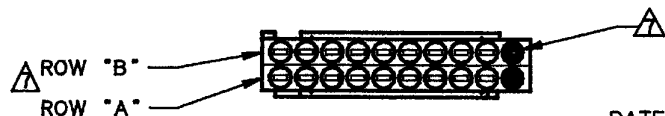
4. PERFORMANCE:  
THIS PRODUCT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION D-6014.

5. MATERIALS:

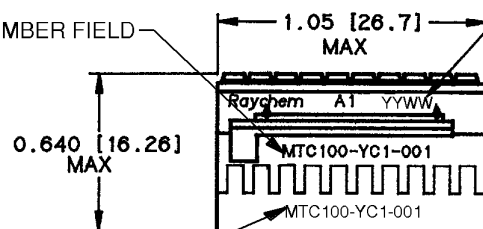
|                                                    |                                      |
|----------------------------------------------------|--------------------------------------|
| A) PLASTIC INSERT                                  | HIGH GRADE POLYARYLENE THERMOPLASTIC |
| B) GROMMET                                         | FLUOROSILICONE PER MIL-R-25988       |
| C) INTERFACIAL SEAL (2)                            | FLUOROSILICONE PER MIL-R-25988       |
| D) RETENTION CLIPS (20)<br>(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

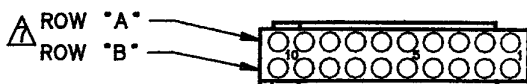
INTERFACIAL SEAL

HOUSING ORIENTATION KEY OR KEYWAY

PLASTIC INSERT

GROMMET

OPTIONAL PART NUMBER FIELD

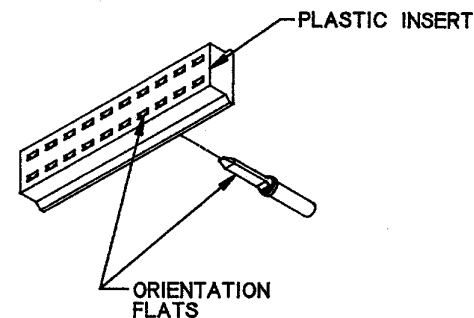


## SPECIFICATION CONTROL DRAWING

|                                                                                                  |    |
|--------------------------------------------------------------------------------------------------|----|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>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<br>307 CONSTITUTION DRIVE<br>MENLO PARK, CALIFORNIA 94025 |                 |                |     |
| TITLE INSERT, PIN, PRIMARY,<br>20 CAVITY, SIZE 22-20 REMOVABLE CONTACT<br>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.

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3

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MTC100-YC1-001