

NOTES:

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

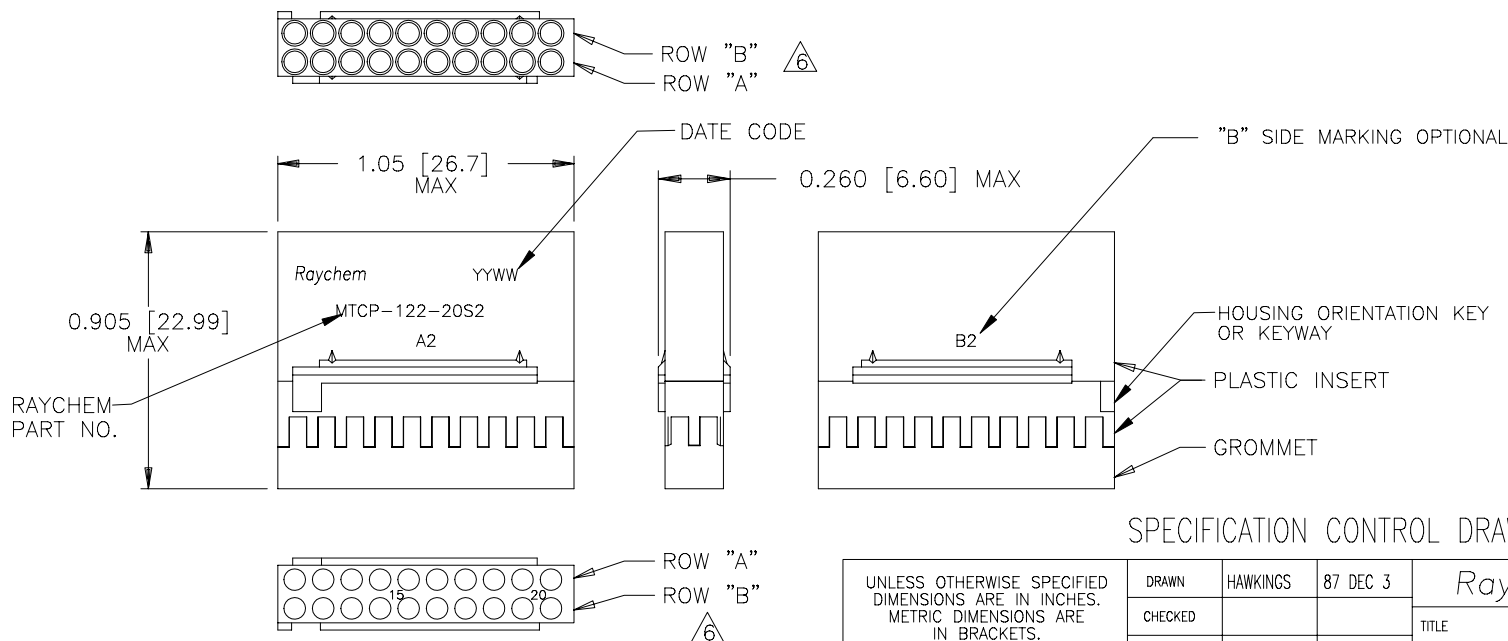
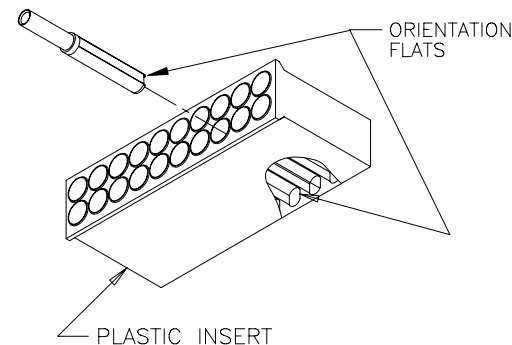
| MOD NO. | DESCRIPTION                           |
|---------|---------------------------------------|
| 022     | WITH CONTACTS AND SEALING PLUGS       |
| 023     | WITH CONTACTS, SEALING PLUGS AND TOOL |

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) RETENTION CLIPS (20)  
(INSIDE PLASTIC INSERT)

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

- △ ROWS "A" AND "B" ARE AN INTEGRAL PART OF THE INSERT. ROWS "A" AND "B" ARE IDENTIFIED ON THE SIDE OF THE INSERT AS "A2" AND "B2". "B" SIDE MARKING OPTIONAL.



SPECIFICATION CONTROL DRAWING

|                                                                                                  |                        |                           |           |                                                                                                        |                 |               |
|--------------------------------------------------------------------------------------------------|------------------------|---------------------------|-----------|--------------------------------------------------------------------------------------------------------|-----------------|---------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS. | DRAWN                  | HAWKINGS                  | 87 DEC 3  | Raychem                                                                                                |                 |               |
|                                                                                                  | CHECKED                |                           |           | TITLE                                                                                                  |                 |               |
|                                                                                                  | APPROVED               | G.F.BLAIR                 | 88 MAR 16 | INSERT, SOCKET, SECONDARY,<br>20 CAVITY, SIZE 22-20 REMOVABLE CONTACT<br>2" CONNECTOR<br>MTC100 SERIES |                 |               |
|                                                                                                  | APPROVED               | J.CAMERON                 | 88 MAR 16 |                                                                                                        |                 |               |
| DECIMALS<br>.XXX ±<br>.XX ± N/A<br>ANGLES<br>.X ±                                                | CAD NAME               |                           |           | SIZE                                                                                                   | CODE IDENT. NO. | DWG. NO.      |
| WEIGHT                                                                                           | T22649.DWG             |                           |           | A                                                                                                      | 06090           | MTCP-122-20S2 |
| 2.80 g MAX.                                                                                      | THIRD ANGLE PROJECTION | DO NOT SCALE THIS DRAWING |           | SHEET 1 OF 1                                                                                           |                 |               |

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