



REV	DESCRIPTION	DATE	APPROV
A	REVISED PER DCR# T-32178	NOV/12/03	M.HIGGY

NOTES:

1. MATERIAL:
- A) SHELL ALUMINUM ALLOY PER QQ-A-581
 - B) PANEL GASKET CONDUCTIVE FLUOROSILICONE ELASTOMER
 - C) ADAPTOR SCREW STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES
 - D) ADAPTOR NUT STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES
 - E) PANEL WASHER STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES
 - F) INSERT HIGH GRADE POLYARYLENE THERMOPLASTIC
 - G) INTERFACIAL SEAL SILICONE ELASTOMER PER MIL-R-28588
 - H) KEYING PIN & KEY PIN INSERT POLYARYLENE THERMOPLASTIC
 - I) CONTACT COPPER ALLOY PER ASTM-B-139

PART NUMBER VARIABLE: MTC100-BXMTI-017-XXX

BLANK = NICKEL PLATED PER SAE-AMS-C-26074 CLASS 3, GRADE B.

-003 = CADMIUM PLATED PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE

3. FOR ADDITIONAL MOUNTING, MATING AND KEYING INFORMATION SEE RAYCHEM DRAWING D682-0012
4. THE FOLLOWING MOUNTING AND MATING HARDWARE IS SUPPLIED NOT INSTALLED WITH EACH RECEPTACLE:
- A) (2) KEYING PINS
 - B) (2) ADAPTOR SCREWS
 - C) (2) ADAPTOR NUTS
 - D) (16) PANEL WASHERS
 - E) (1) PANEL GASKET

5. DUST CAP SUPPLIED INSTALLED WITH EACH RECEPTACLE

RAYCHEM PART NUMBER AND DATE CODE ARE STAMPED APPROXIMATELY AS SHOWN.

7. TOLERANCES: UNLESS OTHERWISE SPECIFIED
- XXX ± .005 [A.13]
 - XX ± .02 [A.5]
8. THIS PART IS DESIGNED TO MEET THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111. QUALIFICATION IS PENDING. THE FOLLOWING EXCEPTIONS APPLY:
- A) THIS CONNECTOR HAS NO PROVISION FOR CABLE CLAMPS OR TERMINATION SEALS.
 - B) THE TERMINATION END MUST BE SUITABLY PROTECTED FOR TESTING OR APPLICATION IN THE FOLLOWING ENVIRONMENTS:
 - 1) HUMIDITY
 - 2) ALTITUDE IMMERSION
 - 3) ALTITUDE LOW TEMPERATURE
 - 4) FLUID IMMERSION
9. WEIGHT: .044 lbs. (19.95 gr) MAX.

SPECIFICATION CONTROL DRAWING

DESIGN	A.A.	4-75-88	tyco Electronics	TYCO ELECTRONICS 300 CONSTITUTION DRIVE MENLO PARK, CA, USA 94025	RAYCHEM
DESIGNED	B				
APPROVED	J. BLAIR	6-17-86			
APPROVED	J. Cameron	6-20-86			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES METRIC DIMENSIONS ARE IN PARENTHESES			BASE CODE	WORK NO.	
DO NOT SCALE THIS DRAWING			C 06090	MTC100-BXMTI-017-XXX	
			THIRD ANGLE PROJECTION	WEIGHT	SHEET 3 OF 3

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