

SPECIFICATIONS :

REFER TO RAYCHEM SPECIFICATION D6011 FOR DETAILED PERFORMANCE REQUIREMENTS AND TEST PROCEDURES.

MATERIALS:

- | | |
|---------------------|--|
| A. SHELL | ALUMINUM ALLOY PER QQ-A-591 |
| B. ADAPTOR SCREW | STAINLESS STEEL PER QQ-S-763, 300 SERIES |
| C. ADAPTOR NUT | STAINLESS STEEL PER QQ-S-763, 300 SERIES |
| D. GASKET | SILICONE ELASTOMER PER MIL-R-25988 |
| E. INSERT | POLYARYLENE THERMOPLASTIC |
| F. INTERFACIAL SEAL | SILICONE ELASTOMER PER MIL-R-25988 |
| G. KEYING PIN | POLYARYLENE THERMOPLASTIC |
| H. CONTACT | COPPER ALLOY PER QQ-B-750 |
| I. PANEL WASHER | STAINLESS STEEL PER QQ-S-763, 300 SERIES |

FINISH:

- | | | |
|------------------|--|--|
| | <u>MTC100-BXMT-007</u> | <u>MTC100-BXMT-007-003</u> |
| A. SHELL | NICKEL PLATED PER MIL-C-26074 CLASS 3, GRADE B | CADMIUM PLATED PER QQ-P-416 OVER NICKEL UNDERPLATE |
| B. ADAPTOR SCREW | PASSIVATED PER QQ-P-35 | CADMIUM PLATED PER QQ-P-416 |
| C. ADAPTOR NUT | PASSIVATED PER QQ-P-35 | CADMIUM PLATED PER QQ-P-416 |
| D. PANEL WASHER | PASSIVATED PER QQ-P-35 | CADMIUM PLATED PER QQ-P-416 |
| E. CONTACT | GOLD PLATED PER MIL-G-45204 TYPE I, GRADE C, CLASS I | |

DESIGN AND CONSTRUCTION:

THE CONNECTORS SPECIFIED HEREIN ARE REAR PANEL MOUNTED RECEPTACLES WITH FIXED (NON REMOVABLE) PIN INSERTS AND CONTACTS. THE CONNECTOR IS WITHOUT PROVISIONS FOR CABLE CLAMP OR TERMINATION SEALS.

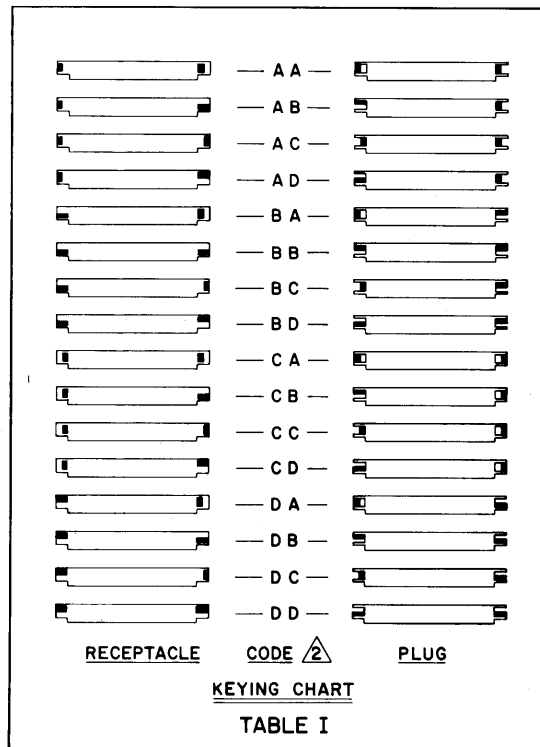
PERFORMANCE:

PERFORMANCE SHALL BE IN ACCORDANCE WITH D6011 EXCEPT AS FOLLOWS:

- HUMIDITY
- ALTITUDE IMMERSION
- ALTITUDE-LOW TEMPERATURE
- FLUID IMMERSION

THE CONNECTOR TERMINATION END MUST BE SUITABLY PROTECTED FOR TESTING OR APPLICATION IN ANY OF THESE ENVIRONMENTS.

DATE	APPROVED
—	—
SEE SHEET ONE	



NOTES:

1. TWO KEYING PINS ARE SUPPLIED, NOT INSTALLED, WITH EACH CONNECTOR. USER TO PRESS INTO PROPER KEYING POSITION (SEE TABLE I)
2. KEYING POSITION CODE DOES NOT FORM A PART OF THE RAYCHEM PART NUMBER AND SHOULD BE OMITTED WHEN ORDERING.

SPECIFICATION CONTROL DRAWING

Raychem Corporation 1982

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE: .xxx ± — (—) .xx ± — (—) Δ ± —	DRAWN	W.Jackson	223-82	Raychem <small>RAYCHEM CORPORATION 300 FORTITUDE DRIVE MENLO PARK, CALIFORNIA 94025</small>
	CHECKED	J.P.		
	APPROVED	J.P.	5-3 X2	
	APPROVED	J.P.	2-28	
	APPROVED	J.P.	5-13-86	TITLE CONNECTOR, RECEPTACLE, BOX MOUNT, 2" FLANGED, REAR PANEL MOUNT .025 SQ. X .580 MIN. LG. WIRE WRAP POST 150° C. MAX. OP. TEMP. MTC 100 SERIES
	SIZE	C	CODE IDENT	DWG. NO.
			NO. 06090	MTC100-BXMT-007-XXX
			WEIGHT	SHEET 2 OF 2

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

DO NOT SCALE THIS DRAWING