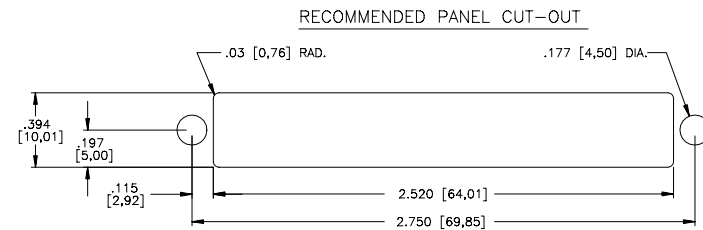
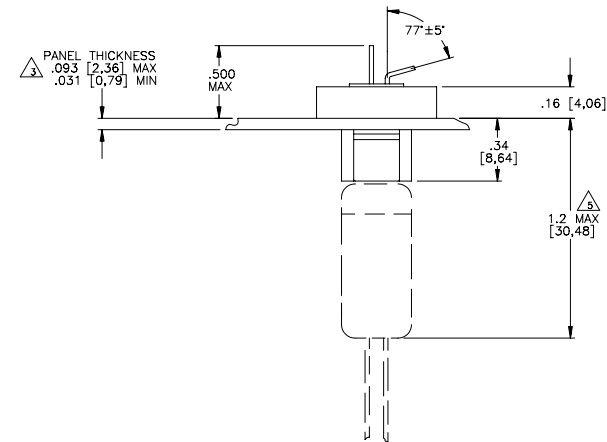
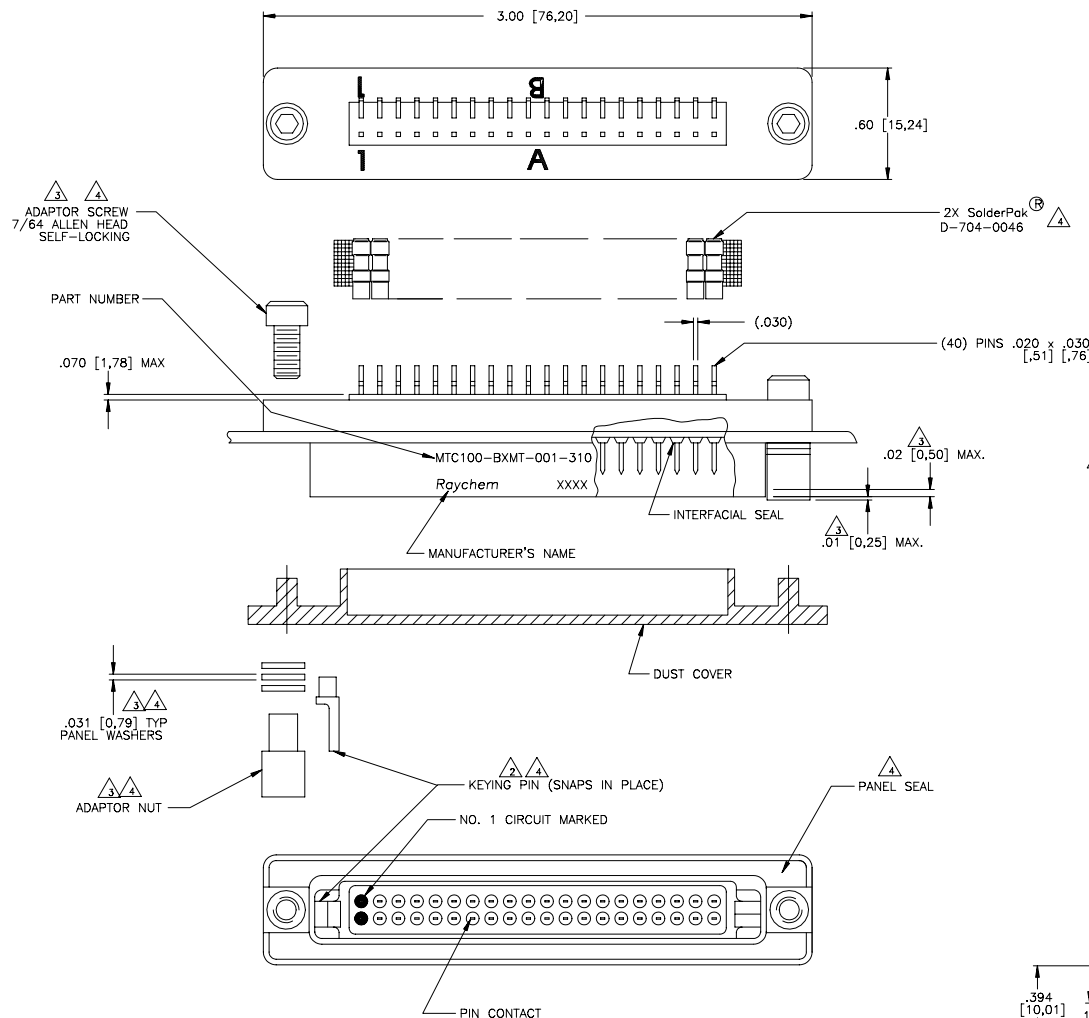


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	OBSOLETE PER ECN T-18889 (2-7-94)	2-7-94	R.D.L.
B	REINSTATE PER ECN T-19155		

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NOTES:

1. BOX MOUNTED RECEPTACLE MATES WITH MTC PLUG MTC100-JH2-PXX CONTAINING SOCKET INSERTS MTC100-JXX-XXX. REFER TO RAYCHEM SPECIFICATION CONTROL DRAWING FOR DETAILS.
2. FOR KEYING INFORMATION, REFER TO SHEET 2, TABLE I.
3. BOX MOUNTED RECEPTACLE IS PANEL MOUNTED BY REMOVING AS MANY PANEL WASHERS AS REQUIRED TO ACCOMMODATE THE THICKNESS OF PANEL BEING USED. USE ONLY ADAPTOR SCREWS SUPPLIED. ADAPTOR NUT TO BE FLUSH TO FRONT OF PART WITHIN TOLERANCE INDICATED.
4. THE FOLLOWING ITEMS ARE SUPPLIED UNASSEMBLED:

ADAPTOR NUT (2)
PANEL WASHER (6)
ADAPTOR SCREW (2)
KEYING PIN (2)
PANEL SEAL (1)
SolderPak® (2)

5. DIMENSIONS SHOWN ARE FOR PLUG WITHOUT THE CABLE CLAMP. ADD .30 IF PLUG WITH CABLE CLAMP IS USED.

SPECIFICATION CONTROL DRAWING

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN		2-7-94	Raychem	
	CHECKED	D.C.P.	2-7-94		
	APPROVED	P.D.	2-7-94	TITLE CONNECTOR, RECEPTACLE, BOXMOUNT, 2" .020 X .030 TERMINATION POST, CAD, PLT ("B" ROW POSTS BENT 77° TO "B" SIDE) (SolderPak® INCLUDED, WITH Sn63) MTC100 SERIES	
	APPROVED				
DECIMALS .XXX ± .005 [0,13mm] .XX ± .02 [0,51mm]	CAD NAME	008080-1.DWG		SIZE C	CODE IDENT. NO. 06090
ANGLES .X ±	THIRD ANGLE PROJECTION			DWG. NO. MTC100-BXMT-001-310	REV B
WEIGHT lbs [g]			DO NOT SCALE THIS DRAWING		

DWG NO. MTC100-BXMT-001-310 SHEET 1

SPECIFICATION

REFER TO RAYCHEM SPECIFICATION D6012 FOR DETAILED PERFORMANCE REQUIREMENTS AND TEST PROCEDURES. REQUIREMENTS AND PROCEDURES ARE IDENTICAL TO THOSE FOR D6012 CONNECTORS UNLESS OTHERWISE SPECIFIED HEREIN.

MATERIALS:

A. HOUSING 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. PANEL WASHER	STAINLESS STEEL PER QQ-S-763, 300 SERIES
E. DIELECTRIC INSERT	INSERT MATERIAL HIGH GRADE POLYARYLENE THERMOPLASTIC
F. FACE SEAL AND PANEL SEAL	SILICONE ELASTOMER PER ZZ-R-765
G. KEYING PIN	POLYARYLENE THERMOPLASTIC, MOLDED
H. PIN CONTACT	COPPER ALLOY PER QQ-B-750
J. SolderPak ®	SEE RAYCHEM DRAWINGS D-704-0046, AND D-128-0031 FOR DETAIL INFORMATION (PARTS ARE SUPPLIED AS TWO (2) STRIPS OF TWENTY (20) PIECES EACH OF D-128-0031).

FINISH:

A. HOUSING SHELL	CADMIUM PLATED PER QQ-P-416 OVER NICKEL UNDERPLATE
B. ADAPTOR SCREW	CADMIUM PLATED PER QQ-P-416
C. ADAPTOR NUT	CADMIUM PLATED PER QQ-P-416
D. PANEL WASHER	CADMIUM PLATED PER QQ-P-416
E. PIN CONTACT	FINISH ON MATING END: GOLD PLATED PER MIL-C-45204, TYPE I, GRADE C, CLASS I FINISH ON TERMINATION END: SUITABLE FOR Sn96 SOLDER TERMINATION

DESIGN AND CONSTRUCTION: (REF PARA 3.5)

THE CONNECTORS SPECIFIED HEREIN ARE PANEL MOUNTED RECEPTACLES WITH FIXED (NON REMOVABLE) PIN INSERTS AND CONTACTS. THE CONTACTS ARE SOLDER TAILS WITHOUT PROVISIONS FOR CABLE CLAMPS OR TERMINATION SEALS.

PERFORMANCE: (REF PARA 3.6)

PERFORMANCE SHALL BE IN ACCORDANCE WITH D6012 EXCEPT AS FOLLOWS:

HUMIDITY	PARA 3.6.17
ALTITUDE IMMERSION	PARA 3.6.18
ALTITUDE-LOW TEMPERATURE	PARA 3.6.19
FLUID IMMERSION	PARA 3.6.23

SOLDER TAILS MUST BE SUITABLY PROTECTED FROM THE ENVIRONMENT.

RATING:

TEMPERATURE	-65°C +150°C
VOLTAGE (AC)	375 V
CURRENT	5A

WEIGHT:

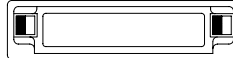
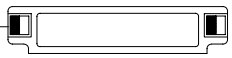
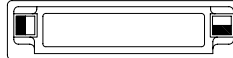
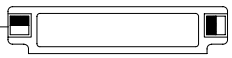
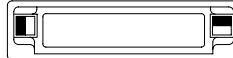
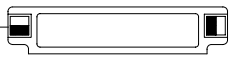
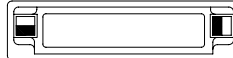
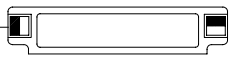
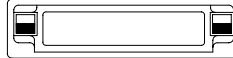
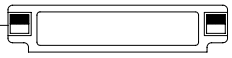
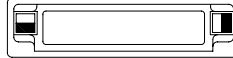
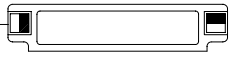
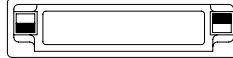
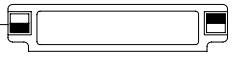
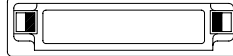
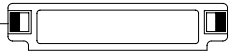
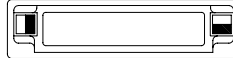
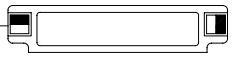
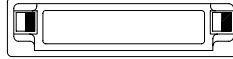
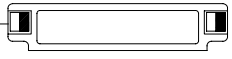
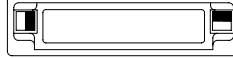
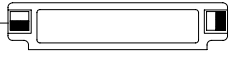
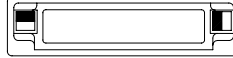
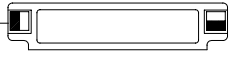
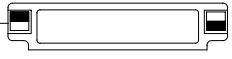
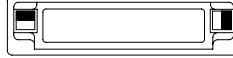
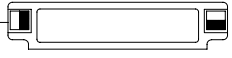
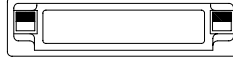
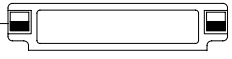
.056 LBS.

NOTES:

1. TWO KEYING PINS ARE SUPPLIED, NOT INSTALLED, WITH EACH RECEPTACLE. 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.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
	REFER TO SHEET 1 FOR REVISIONS		

	----	AA	----	
	----	AB	----	
	----	AC	----	
	----	AD	----	
	----	BA	----	
	----	BB	----	
	----	BC	----	
	----	BD	----	
	----	CA	----	
	----	CB	----	
	----	CC	----	
	----	CD	----	
	----	DA	----	
	----	DB	----	
	----	DC	----	
	----	DD	----	
<u>RECEPTACLE</u>		<u>CODE</u> 	<u>PLUG</u>	
<u>KEYING CHART</u>				

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SIZE	CODE IDENT. NO.	DWG. NO.	REV
C	06090	MTC100-BXMT-001-310	B
DO NOT SCALE THIS DRAWING		CAD NAME: 008080-2.DWG	SHEET 2 OF 2