



SECTION A-A

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECN 08754	8-21-87	M. K. 984
C	REVISED PER ECN-23-216636	05/10/23	J. MONTEMAIOR

NOTES:

- THIS CTM MEETS ALL THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6116.
- WIRE SEAL:  
MODIFIED THERMOPLASTIC SEALANT
- MODULE BODY:  
TRANSPARENT BLUE HEAT SHRINKABLE RADIATION CROSS-LINKED PVF<sub>2</sub>
- SOLDER RING:  
Sn63 PER QQ-S-571  
FLUX COATED WITH TYPE RMA PER QQ-S-571
- CONTACT STRIP:  
COPPER ALLOY 172 PER QQ-C-533  
SOLDER COATED PER QQ-S-571, Sn100  
SOLDER CLAD, TERMINATION AREA, PER QQ-S-571, Sn63  
FLUX COATED PER QQ-S-571, TYPE RMA
- CABLE SEAL:  
MODIFIED THERMOPLASTIC SEALANT
- USABLE WIRE SIZE:  
ROUND WIRE 22 AWG AND 24 AWG - .055 DIA. MAX.  
FLAT CONDUCTOR CABLE 22 GAGE PER RAYCHEM  
TU 10 100 22B OR 24 GAGE PER RAYCHEM  
TU 10 100 24B
- CONSULT FACTORY FOR RAYCHEM ENGINEERING STANDARD FOR TERMINATION METHOD.
- TOLERANCES, UNLESS OTHERWISE SPECIFIED:  
.XXX = ± .005 (0.1)    .XX = ± .02 (0.5)
- DIELECTRIC WITHSTANDING VOLTAGE:

TEST CONDITION	TEST VOLTAGE VAC RMS AT 60 Hz
SEA LEVEL	1000
ALTITUDE 70,000 FT (33.5 TORR) AMBIENT TEMP	375
ALTITUDE 80,000 FT (20.6 TORR) -50 °C TEMP	625

SPECIFICATION CONTROL DRAWING © Raychem Corporation 1985

DRAWN	WELCH	4/11/85	<b>Raychem</b> <small>RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025</small>
CHECKED	<i>[Signature]</i>	4/15/85	
APPROVED	<i>[Signature]</i>	4/16/85	
APPROVED	<i>[Signature]</i>	4/12/85	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN PARENTHESIS			
SIZE		CODE IDENT. NO.	DWG. NO.
C		06090	CTM-1024
DO NOT SCALE THIS DRAWING			WEIGHT — SHEET 1 OF 1

TITLE CABLE TRANSITION MODULE (CTM)  
FLAT TO ROUND TERMINATION, 1-INCH,  
W/ EARS, .100 PITCH ENVIRONMENT  
RESISTANT, 125 °C MAX. OPER. TEMP.