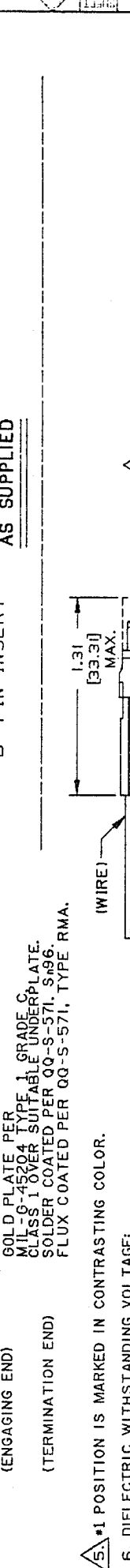
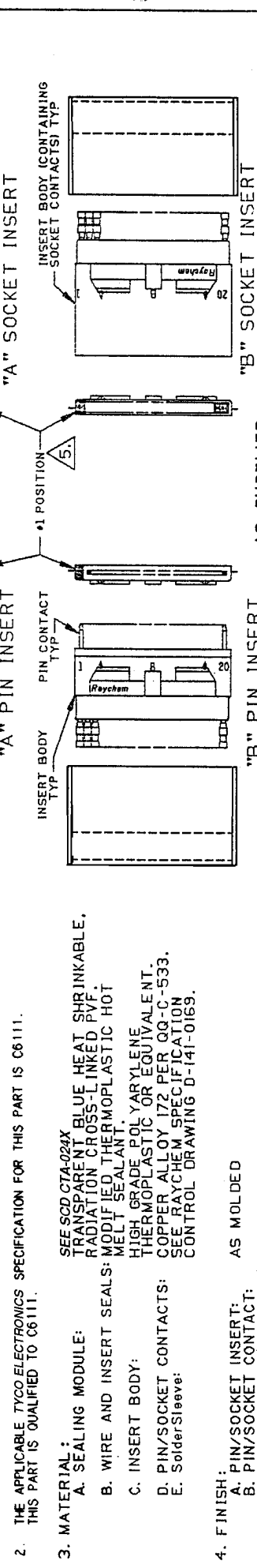
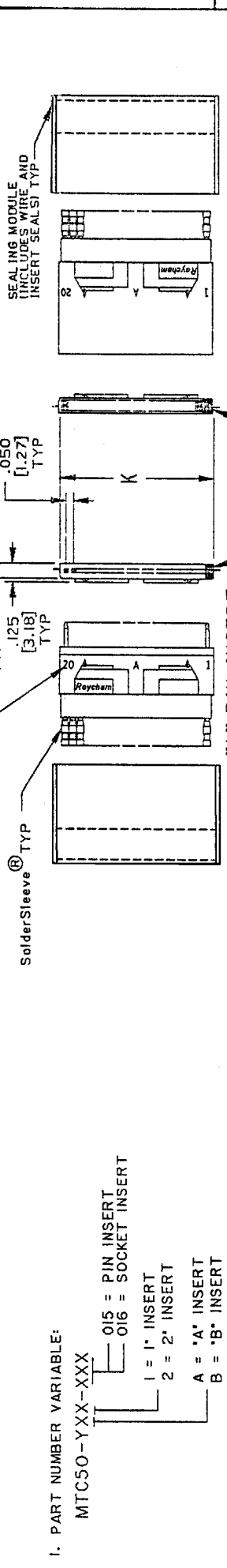


REVISIONS	DESCRIPTION	DATE	APPROVED
C	REVISE PER DCR# T-30858	5/13/2002	M. PIOZET



DESCRIPTION	1" INSERT	2" INSERT
K	1.035 [26.29]	2.035 [51.69]
L	1.140 [28.96]	2.140 [54.36]
WEIGHT (MAXIMUM)	.0074 LBS. [3.357gr.]	.0147 LBS. [6.689gr.]

SPECIFICATION CONTROL DRAWING		TYCO ELECTRONICS		RAYCHEM PRODUCTS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DECIMALS .XXX ±0.05 [0.13mm]	ANGLES .XX ± 0.3 [0.08mm]	DRAWN	S. CLEGG	87-APR-88
			CHECKED	M. HIGBY	87-APR-88
			APPROVED	M. BLAIR	87-APR-88
			APPROVED	J. CAMERON	87-APR-88
			CAD FILE:	T-30858.TIF	
WEIGHT	SEE TABULATION	THIRD ANGLE PROJECTION			
SIZE	C	CODE IDENT. NO.	MTC50-YXX-015/016		
DO NOT SCALE THIS DRAWING	SCALE		SHEET 1 OF 1		
TITLE		INSERT, .050 PITCH, PASS TERM. 125°C OPERATING TEMPERATURE (FOR 24-26 AWG WIRE) MTC50 SERIES			

NOTES:

- PART NUMBER VARIABLE:  
MTC50-YXX-XXX  
015 = PIN INSERT  
016 = SOCKET INSERT  
1 = 1" INSERT  
2 = 2" INSERT  
A = 'A' INSERT  
B = 'B' INSERT
- THE APPLICABLE TYCO ELECTRONICS SPECIFICATION FOR THIS PART IS C6111. THIS PART IS QUALIFIED TO C6111.
- MATERIAL:  
SEE SCD CTA-024X  
TRANSPARENT BLUE HEAT SHRINKABLE, RADIATION CROSS-LINKED PVF  
B. WIRE AND INSERT SEALS: MODIFIED THERMOPLASTIC HOT MELT SEALANT.  
C. INSERT BODY: HIGH GRADE POLYARYLENE THERMOPLASTIC OR EQUIVALENT.  
D. PIN/SOCKET CONTACTS: COPPER ALLOY 172 PER QQ-C-533. SEE RAYCHEM SPECIFICATION CONTROL DRAWING D-141-0169.
- FINISH:  
A. PIN/SOCKET INSERT: AS MOLDED  
B. PIN/SOCKET CONTACT: (ENGAGING END)  
(TERMINATION END)

5. #1 POSITION IS MARKED IN CONTRASTING COLOR.  
6. DIELECTRIC WITHSTANDING VOLTAGE:

TEST CONDITION	TEST VOLTAGE VAC RMS AT 60 HZ.
SEA LEVEL	750
ALTITUDE 70,000 FT. (33.5 TORR) AMBIENT TEMP.	250
ALTITUDE 80,000 FT. (20.6 TORR) -50°C TEMP.	375

7. CURRENT RATING: 2.0 AMPS  
8. USABLE WIRE SIZE:  
ROUND WIRE: 24 AWG OR 26 AWG.

9. SEE TYCO ENGINEERING STANDARD ES-61408 REV C FOR TERMINATION METHOD.

9. AFTER BOOT ASSY & TERMINATION