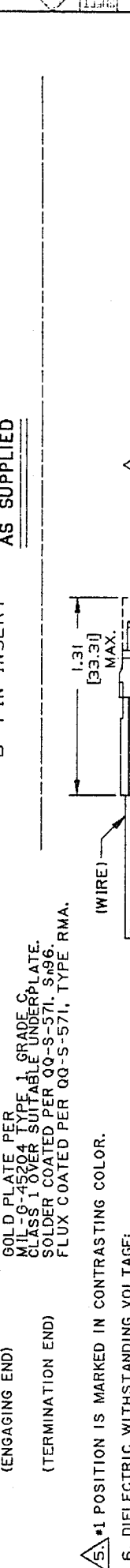
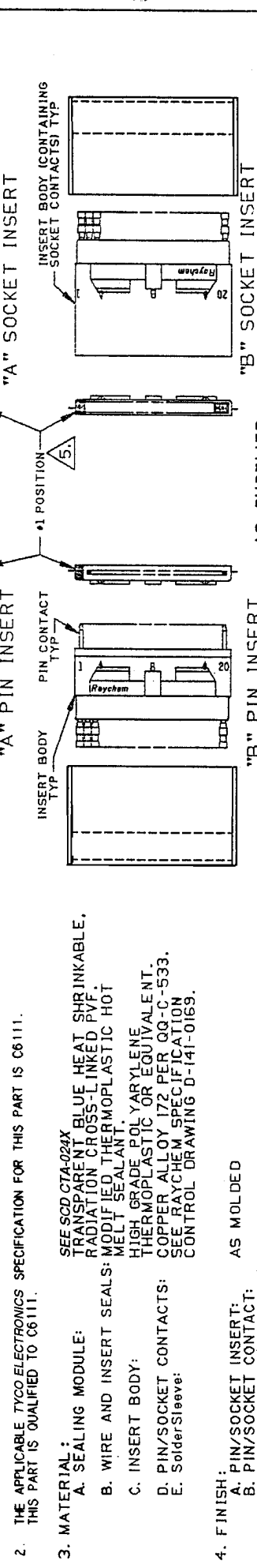


REV	DESCRIPTION	DATE	APPROVED
C	REVISE PER DCR# T-30858	5/13/2002	M. PIOZET



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.]	
	[0.6689gr.]	

SPECIFICATION CONTROL DRAWING		TYCO ELECTRONICS		RAYCHEM PRODUCTS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DATE	57-APR-86	57-APR-86	57-APR-86	57-APR-86
DECIMALS .XXX ±0.05 [0.13mm]	DRAWN	S. CLEGG	M. HIGBY	M. BLAIR	J. CAMERON
ANGLES ± .X ± .9	CHECKED				
WEIGHT SEE TABULATION	APPROVED				
	DATE	CAD FILE: T-30858.TIF			
	THIRD ANGLE PROJECTION				
	SCALE	DO NOT SCALE THIS DRAWING			
	SIZE	C 06090			
	DRG. NO.	MTC50-XXX-015/016			
	REV	C			
	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-XXX-XXX
015 = PIN INSERT
016 = SOCKET INSERT
1 = 1" INSERT
2 = 2" INSERT
A = "A" INSERT
B = "B" INSERT

2. THE APPLICABLE TYCO ELECTRONICS SPECIFICATION FOR THIS PART IS C6111. THIS PART IS QUALIFIED TO C6111.

3. 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.

4. 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