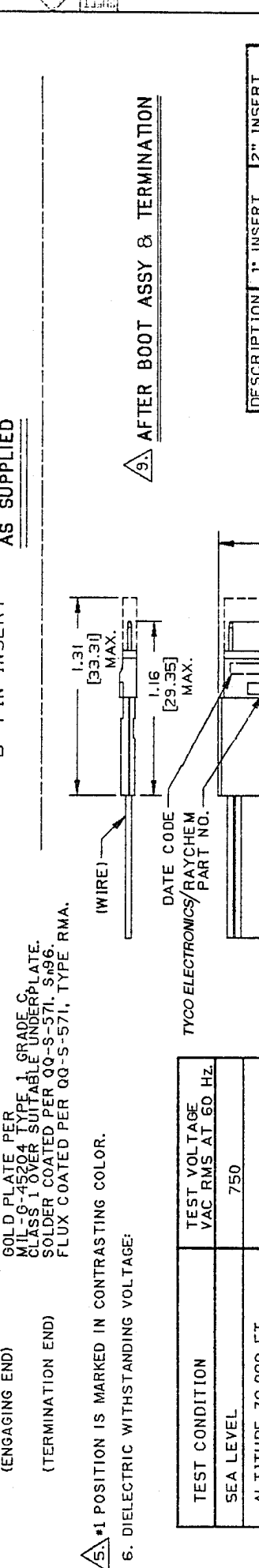
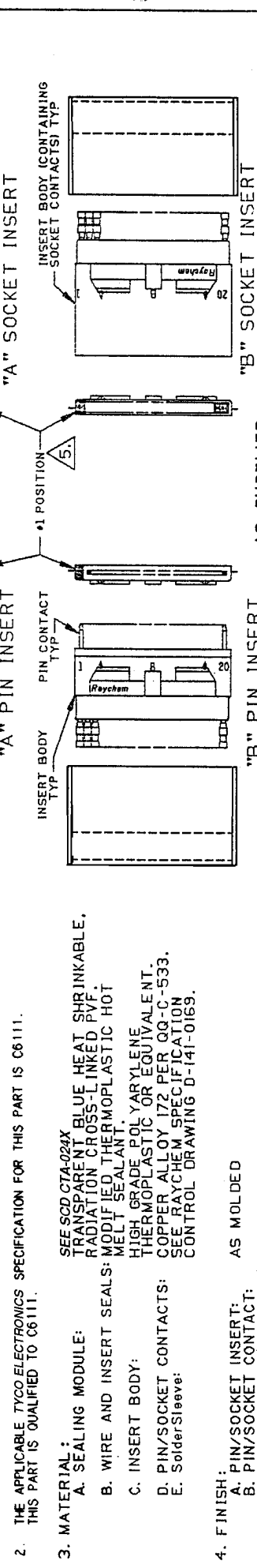
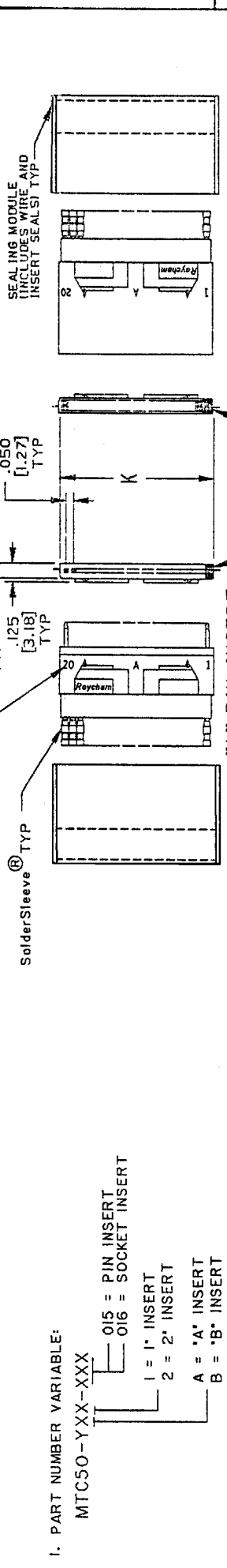


REV	DESCRIPTION	DATE	APPROVED
C	REVISE PER DCR# T-30858	5/13/2002	M. PIOZET



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.]	.0147 LBS. [6.689gr.]

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.		DRAWN	S. CLEGG	87-APR-88	TYCO ELECTRONICS
DECIMALS .XXX ±0.05 [0.13mm]		CHECKED	M. HIGBY	87-APR-88	RAYCHEM PRODUCTS 365 CONSTRUCTION DR. MENLO PARK, CA 94025
ANGLES ± .X		APPROVED	M. BLAIR	87-APR-88	TITLE
WEIGHT SEE TABULATION		APPROVED	J. CAMERON	87-APR-88	INSERT, .050 PITCH, PASS TERM. 125°C OPERATING TEMPERATURE (FOR 24-26 AWG WIRE) MTC50 SERIES
THIRD ANGLE PROJECTION		CAD FILE: T-30858.TIF		SIZE	DO NOT SCALE THIS DRAWING
DATE CODE		TYCO ELECTRONICS/RAYCHEM PART NO.		CODE IDENT. NO.	SCALE
TEST CONDITION		TEST VOLTAGE VAC RMS AT 60 HZ.		C	MTC50-YXX-016
SEA LEVEL		750		REV	C
ALTITUDE 70,000 FT. (33.5 TORR) AMBIENT TEMP.		250		SHEET 1 OF 1	
ALTITUDE 80,000 FT. (20.6 TORR) -50°C TEMP.		375			

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)

AS SUPPLIED

9. AFTER BOOT ASSY & TERMINATION

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.

DATE CODE
TYCO ELECTRONICS/RAYCHEM PART NO.