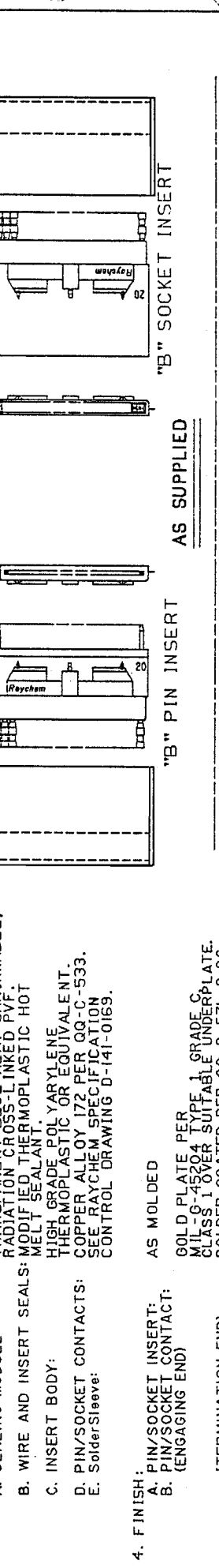


REV	DESCRIPTION	DATE	APPROVED
C	REVISE PER DCR# T-30858	5/13/2002	M. PIOZET



DESCRIPTION	1" INSERT	2" INSERT
WEIGHT (MAXIMUM)	0.074 LBS. [3.357gr.]	0.147 LBS. [6.689gr.]



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.

SPECIFICATION CONTROL DRAWING

TYCO ELECTRONICS
RAYCHEM PRODUCTS
365 CONSTRUCTION DR.
MENLO PARK, CA 94025

TITLE
INSERT, .050 PITCH, PASS TERM.
125°C OPERATING TEMPERATURE
(FOR 24-26 AWG WIRE)
MTC50 SERIES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.
DECIMALS
.XXX ±0.05 [0.13mm]
.XX ±0.3 [0.08mm]
ANGLES
.X ± .9

WEIGHT
SEE TABULATION

THIRD ANGLE PROJECTION

CAD FILE: T-30858.TIF

DO NOT SCALE THIS DRAWING

SCALE

REV C

CODE IDENT. NO. 06090

DRG. NO. MTC50-YXX-015/016

SHEET 1 OF 1