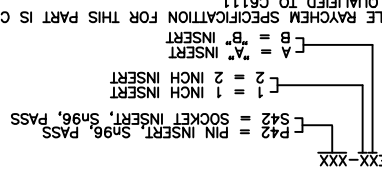


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B	96/1/30	REVISED PER ECN T-20519	M.HIGGY
LTR			

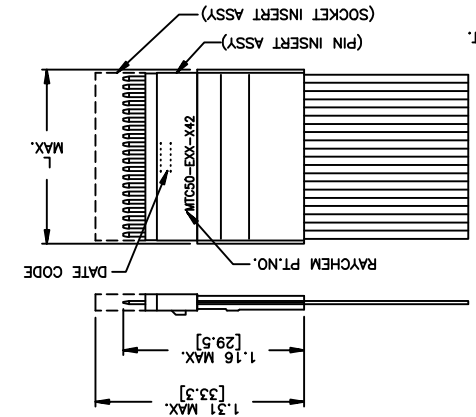
NOTES:
1. PART NUMBER VARIABLE:
MTC50-EXX-XXX



2. THIS PART IS QUALIFIED TO CB111.
3. MATERIAL:
A. SEALING BOOT: TRANSPARENT BLUE HEAT SHRINKABLE, RADIATION CROSS-LINKED PVDf.
B. CABLE & INSERT SEALS: MODIFIED THERMOPLASTIC HOT MELT SEALANT.
C. INSERT BODY: HIGH GRADE POLYARYLENE THERMOPLASTIC OR EQUIVALENT.
D. PIN/SOCKET CONTACTS: COPPER ALLOY C17200 PER ASTM B194. SEE RAYCHEM SPECIFICATION CONTROL DRAWING D-141-0169.
E. PRE-ASSEMBLED Solder sleeves
4. FINISH:
A. PIN/SOCKET INSERT: AS MOLDED
B. PIN/SOCKET CONTACTS: GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1 OVER SUITABLE UNDERPLATE.
SOLDER COATED PER QQ-S-571, S96, FLUX COATED PER QQ-S-571, TYPE RMA.

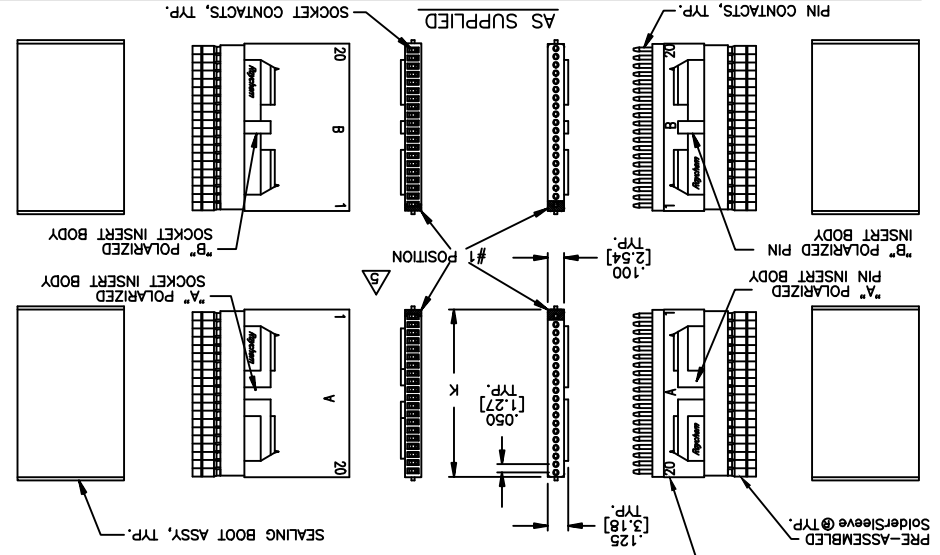
5. POSITION IS MARKED IN CONTRASTING COLOR.
6. DIELECTRIC WITHSTANDING VOLTAGE:
TEST CONDITION (MATED)
TEST VOLTAGE VAC RMS AT 60 HZ.
SEA LEVEL
ALTITUDE 70,000 FT. (33.5 TORR) AMBIENT TEMP.
ALTITUDE 80,000 FT. (20.6 TORR) -50°C TEMP.
7. CURRENT RATING: 2.0 AMPS PER CONTACT.
8. USABLE WIRE SIZE: FLAT CONDUCTOR CABLE: 28 AWG
9. CONSULT FACTORY FOR RAYCHEM ENGINEERING STANDARD FOR TERMINATION METHOD.

10. THE CORRECT MATING PART FOR A RAYCHEM MTC50 PIN INSERT IS A RAYCHEM MTC50 SOCKET INSERT. THE SPECIFIED PERFORMANCE OF THIS CONNECTOR IS BASED ON TEST PERFORMANCE WHEN ASSEMBLED WITH THE CORRECT MATING PART.



DESCRIPTION	1" INSERT	2" INSERT
WEIGHT (MAXIMUM)	0.074 LBS. [3.357 gm]	0.147 LBS. [6.668 gm]
L	1.140 [28.96]	2.140 [54.36]
K	1.035 [26.29]	2.035 [51.69]

AFTER BOOT ASSY & TERMINATION



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