

NOTES:

1. PART NUMBER VARIABLE:

MTC50-EXX-X12

P= PIN

S= SOCKET

1= 1 INCH

2= 2 INCH

A= "A" INSERT

B= "B" INSERT

2. MATERIAL:

A) PIN OR SOCKET INSERT

HIGH GRADE POLYARYLENE THERMOPLASTIC
OR EQUIVALENT

B) PIN OR SOCKET CONTACT

COPPER ALLOY 172 PER QQ-C-533

C) INTERFACIAL SEAL

SILICONE ELASTOMER PER MIL-R-25988

D) TERMINATION MODULE

TRANSPARENT BLUE HEAT SHRINKABLE, RADIATION
CROSS LINKED PVF₂

E) FLAT CABLE SEAL

MODIFIED THERMOPLASTIC HOT MELT SEALANT

F) INSERT SEAL

MODIFIED THERMOPLASTIC HOT MELT SEALANT

3. FINISH:

A) PIN OR SOCKET INSERT

AS MOLDED

B) PIN OR SOCKET CONTACT

(ENGAGING END) GOLD PLATE PER MIL-G-45204, TYPE I,
GRADE C, CLASS I OVER SUITABLE UNDERPLATE

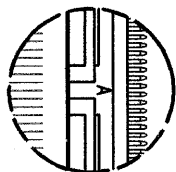
C) CONTACT TAIL

SOLDER COATED PER QQ-S-571 (Sn63),
FLUX COATED PER QQ-S-571, TYPE RMA

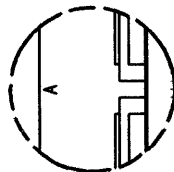
4. NUMBER ONE POSITION IS MARKED AS SHOWN IN CONTRASTING COLOR ON INTERFACE.

5. THE APPLICABLE RAYCHEM SPECIFICATION FOR THIS PART IS C6111.
THIS PART IS NOT QUALIFIED TO C6111.6. THIS INSERT IS FOR USE WITH 28 GAGE FLAT CONDUCTOR CABLE PER RAYCHEM SPECIFICATION
TU*050 28B. CONSULT FACTORY FOR RAYCHEM ENGINEERING STANDARD FOR TERMINATION METHOD.

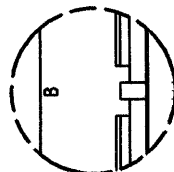
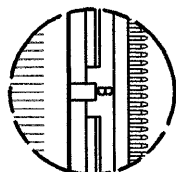
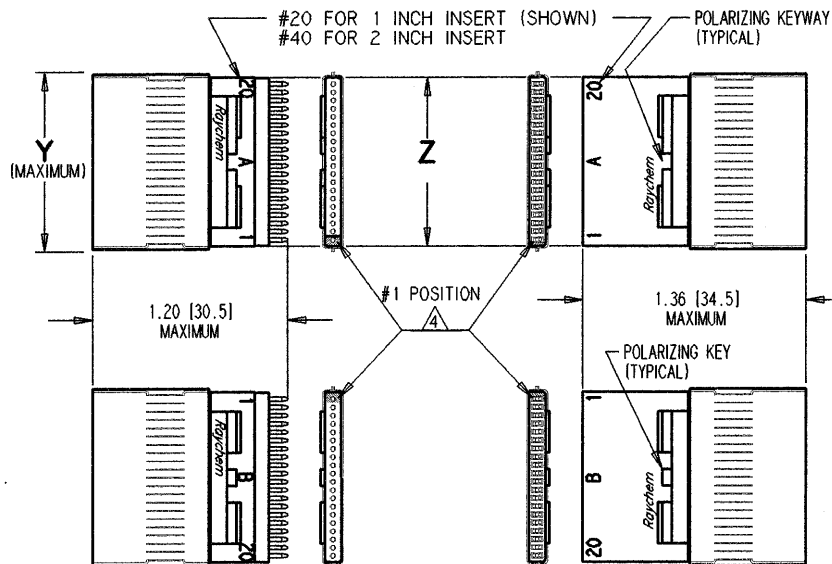
TABULATION					
SIZE		WEIGHT MAXIMUM		DIM. "Y"	DIM. "Z"
		LBS.	GRAMS		
1 INCH INSERT	PIN	.0058	[2.63]	1.12	1.035
	SOC	.0067	[3.039]	[28.5]	[26.30]
2 INCH INSERT	PIN	.0113	[5.126]	2.12	2.035
	SOC	.0131	[5.942]	[53.85]	[51.69]



PIN



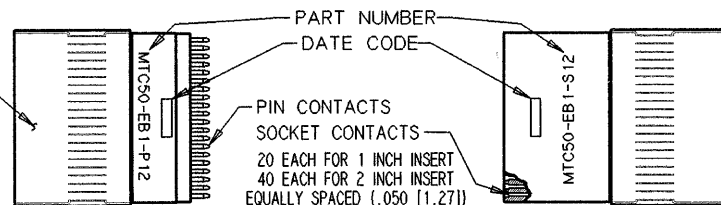
SOCKET

AUXILLARY VIEW
SHOWING 2 INCH INSERT
POLARIZING KEY/KEYWAY CONFIGURATIONS

PIN INSERT

INTERFACIAL SEAL

SOCKET INSERT

TERMINATION MODULE
COMMON TO PIN AND
SOCKET ASSEMBLIES
(INCLUDES INSERT
SEAL AND FLAT
CABLE SEAL)If this document is printed it becomes uncontrolled.
Check with the web for latest revision.

SPECIFICATION CONTROL DRAWING

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.		DRAWN LUTTICKEN 87NOV09		Raychem	
CHECKED J.B.		APPROVED J.BLAIR 12-4-87		TITLE ASSEMBLY, INSERT, FLAT CONDUCTOR CABLE, TEMPERATURE RATING 125°C	
DECIMALS .XXX ± .005 { .13 mm }		CAD NAME 001020		SIZE C	
ANGLES .X ±		THIRD ANGLE PROJECTION		CODE IDENT. NO. 06090	
WEIGHT: MAXIMUM SEE TABULATION				DWS. NO. MTC50-EXX-X12	
				REV H	
				DO NOT SCALE THIS DRAWING	
				SHEET 1 OF 1	

MTC50-EXX-X12