

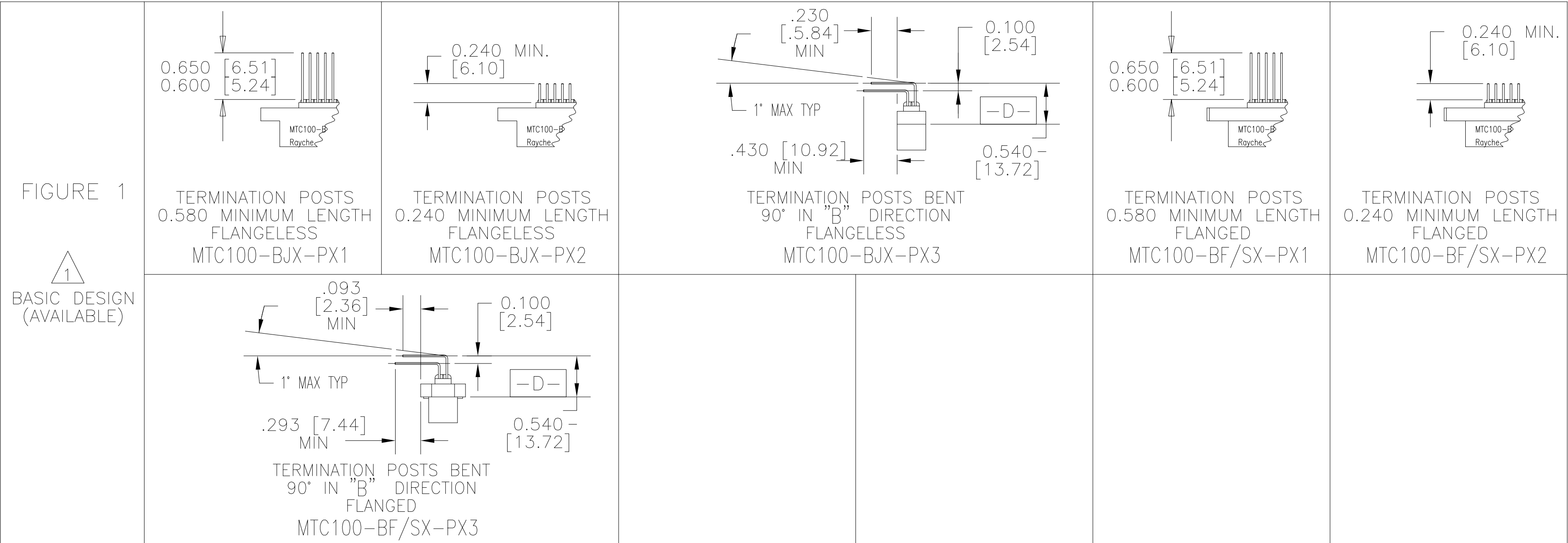


TABLE 1						
CONNECTOR SIZE	"A"	"B"	"C"	"X"	"Y"	"Z" (MIN)
1 INCH	FLANGELESS 1.750 [44.45]	2.00 [50.8]		1.750 [44.45]	1.520 [38.61]	0.400 [10.16]
	FLANGED 1.750 [44.45]		2.06 [52.3]	1.750 [44.45]	1.520 [38.61]	0.600 [15.24]
2 INCH	FLANGELESS 2.750 [69.85]	3.00 [76.2]		2.750 [69.85]	2.520 [64.00]	0.400 [10.16]
	FLANGED 2.750 [69.85]		3.06 [77.7]	2.750 [69.85]	2.520 [64.00]	0.600 [15.24]

TABLE 2	
PANEL THICKNESS	NUMBER OF PANEL WASHERS FOR EACH FASTENER
0.031/0.036 [0.8]/[0.9]	2
0.062/0.067 [1.5]/[1.7]	1
0.93/0.097 [2.3]/[2.4]	0

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CUSTOMER DRAWING

SIZE C	CAGE CODE: 06090	DWG. NO. MTC100-BXX-PXX-XXX	REV. J1
CAD NAME: MTC100-BXX-PXX-XXX		SCALE: NONE	SHEET 2 OF 3

SPECIFICATIONS:

MATERIALS:

A. SHELL	ALUMINUM ALLOY PER ASTM B85 / B85M
B. ADAPTER SCREW	STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES
C. ADAPTER NUT	STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES
D. STANDARD PANEL GASKET EMI PANEL GASKET	SILICONE ELASTOMER PER MIL-STD-25988 CONDUCTIVE ELASTOMER PER MIL-DTL-83528 TYPE C, GRAY.
E. INSERT	HIGH GRADE POLARYLENE THERMOPLASTIC, MOLDED
F. INTERFACIAL SEAL	FLUOROSILICONE PER MIL-DTL-25988
G. KEYING PIN	HIGH GRADE POLARYLENE THERMOPLASTIC, MOLDED
H. PIN CONTACT	COPPER ALLOY PER ASTM B139 / B139M
I. PANEL WASHER	STAINLESS STEEL PER SAE-AMS-QQ-S-763 OR ASTM B240, 300 SERIES
J. KEYING PIN INSERT	HIGH GRADE POLARYLENE THERMOPLASTIC, MOLDED

FINISH:

	APPLIES TO NICKEL PLATED CONNECTORS (STANDARD PLATING)	APPLIES TO CADMIUM PLATED CONNECTORS
A. SHELL	NICKEL PLATED PER SAE-AMS-C-26074 CLASS 3, GRADE B	CADMIUM PLATED PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE
B. ADAPTER SCREW	PASSIVATED PER SAE-AMS-QQ-P-35	CADMIUM PLATED PER SAE-AMS-QQ-P-416
C. ADAPTER NUT	PASSIVATED PER SAE-AMS-QQ-P-35	CADMIUM PLATED PER SAE-AMS-QQ-P-416
D. PANEL WASHER	PASSIVATED PER SAE-AMS-QQ-P-35	CADMIUM PLATED PER SAE-AMS-QQ-P-416
E. PIN CONTACT	GOLD PLATED PER ASTM B488 TYPE 2, GRADE C	

DESIGN AND CONTRUCTION:

THE CONNECTORS SPECIFIED HEREIN ARE PANEL MOUNTED RECEPTACLES WITH FIXED (NON-REMOVABLE) PIN INSERTS AND CONTACTS. THE CONNECTOR IS WITHOUT PROVISIONS FOR CABLE CLAMPS OR TERMINATION SEALS.

PERFORMANCE:

THESE CONNECTORS MEET THE APPLICABLE REQUIREMENTS OF TE CONNECTIVITY SPECIFICATION C-6111.

PERFORMANCE; SHELL BE IN ACCORDANCE WITH C-6111, EXCEPT AS FOLLOWS

HUMIDITY
ALTITUDE IMMERSION
ALTITUDE – LOW TEMPERATURE
FLUID IMMERSION

THE CONNECTOR TERMINATION END
MUST BE SUITABLY PROTECTED
FOR TESTING OR APPLICATION IN
ANY OF THESE ENVIRONMENTS.

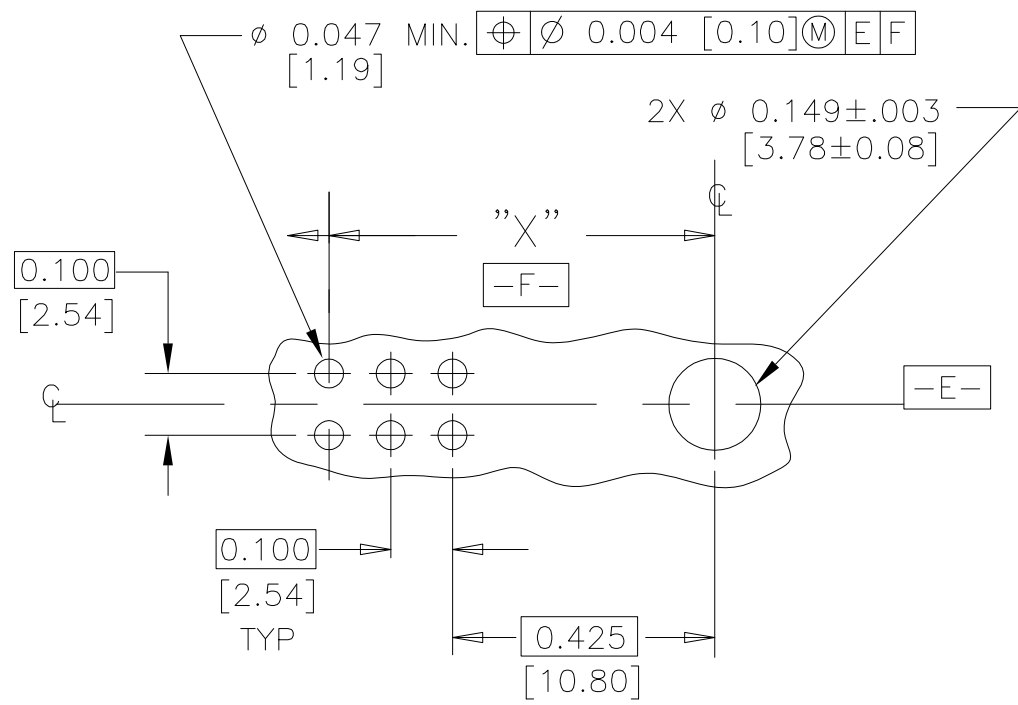
TABLE 3

PART NUMBER	WEIGHT MAXIMUM GRAMS
MTC100-BF1-P32	23.0
MTC100-BF2-P32	33.2

THE FOLLOWING TABLE CONSISTS OF WEIGHTS
FOR THESE SPECIFIC PART NUMBERS

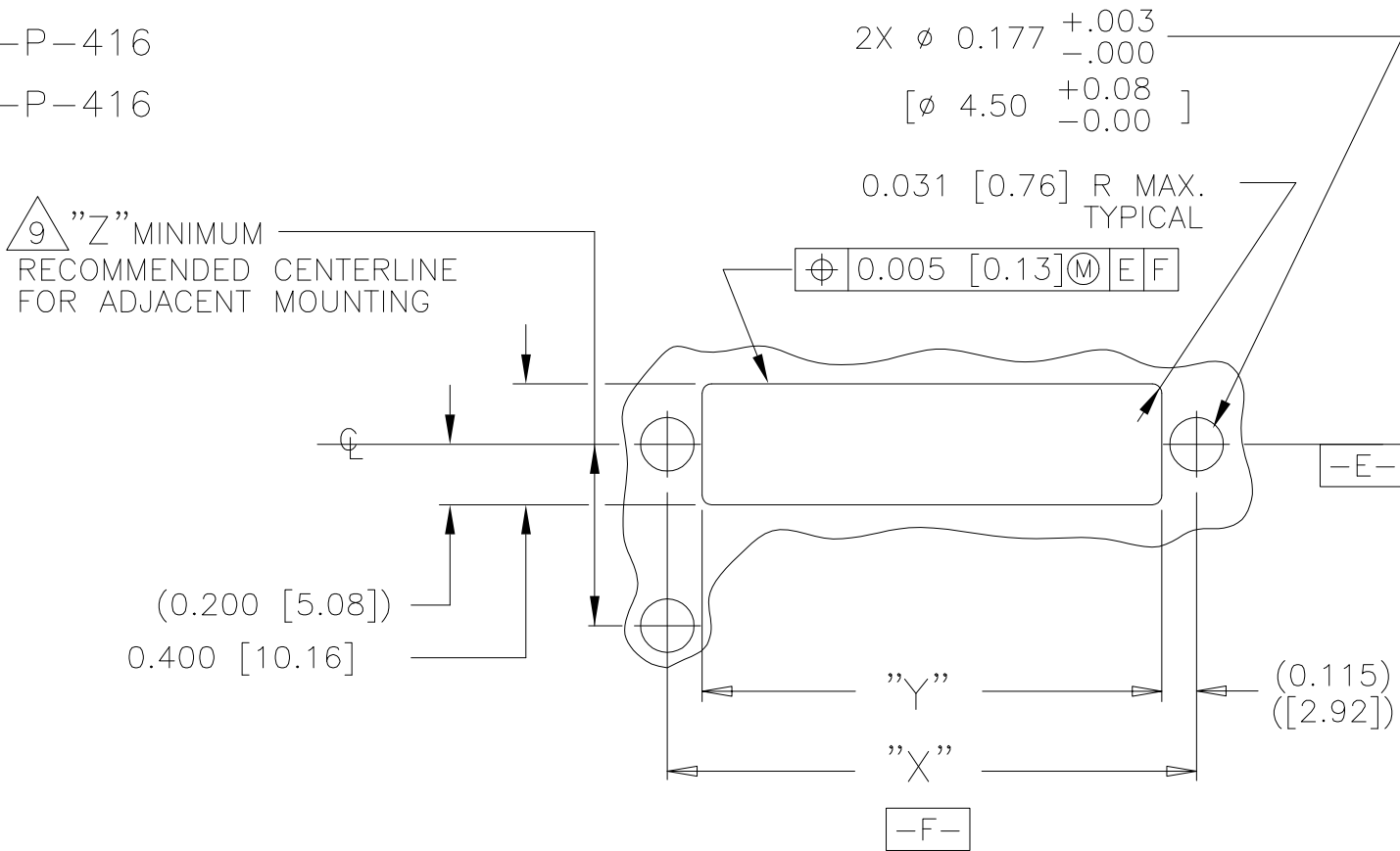


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RECOMMENDED HOLE PATTERN AND SIZE
FOR PRINTED CIRCUIT BOARDS

FIGURE 3



RECOMMENDED PANEL CUT-OUT

FIGURE 2

CUSTOMER DRAWING

SIZE C	CAGE CODE: 06090	DWG. NO. MTC100-BXX-PXX-XXX	REV J1
CAD NAME MTC100-BXX-PXX-XXX	SCALE: NONE	SHEET 3 OF 3	