

HOW TO REQUEST NEW PLATE CONFIGURATIONS
(SEE PART NUMBER TABLE FOR CURRENT RELEASED PLATES)
STANDARD (SHEET 2) OR HIGH DENSITY (SHEET 3) SPACING
RoHS YES (SILVER PLATING)/NO (TIN PLATING)
NUMBER OF ROWS
NUMBER OF LINES PER ROW (PLATE SIZE RESTRICTED, SEE SHEETS 2+3)
FILTER DESIGNATION (SEE FILTER DESIGNATION TABLE)
PLATE LENGTH (SEE TABLES ON SHEETS 2 + 3)
LEAD CONFIGURATION PER SHEETS 2 + 3: STRAIGHT (0), LEFT (1), RIGHT (2), BOTH (3)
SELECTIVE LINE FILTERING ALSO AVAILABLE, CONTACT MOLEX FOR CUSTOM CONFIGURATIONS

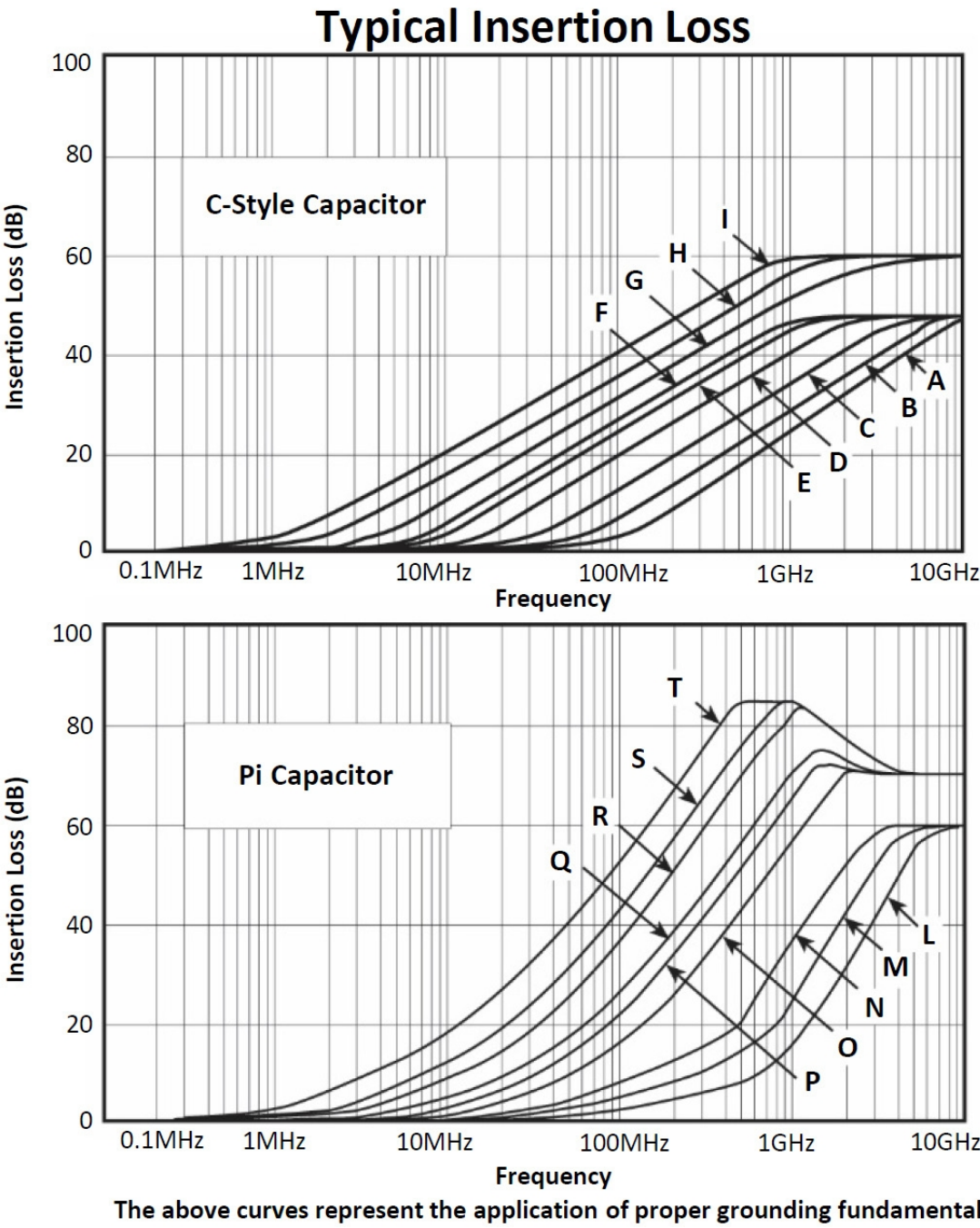
FILTER DESIGNATION SELECTION TABLE

Filter Designation	Filter*** Circuits	Capacitance		3 dB Max Cut-of Frequency (MHz)	Working Voltage DC -55°C to +125°C	Minimum Insertion Loss - Decibels (dB) 50ohm system per MIL-STD-220 (no load)							
		Value	Tolerance			5 MHZ	10 MHZ	20 MHZ	50 MHZ	100 MHZ	200 MHZ	500 MHZ	1 GHZ
A	C	68pF	+/-25%	73.9	100V	-	-	-	-	-	3	10	16
B	C	100pF	+/-25%	50.3	100V	-	-	-	-	1	6	13	19
C	C	135pF	+100/-0%	23.3	100V	-	-	-	1	5	10	16	20
D	C	470pF	+/-25%	10.7	100V	-	-	2	7	13	18	25	27
E	C	820pF	+/-25%	6.2	100V	-	1	5	12	18	23	30	33
F	C	1000pF	+/-25%	5.1	100V	-	2	7	14	20	25	32	35
G	C	1500pF	+/-25%	3.4	100V	1	4	10	16	22	29	36	37
H	C	2500pF	+100/-0%	1.26	100V	5	11	17	23	29	35	38	40
I	C	4000pF	+100/-0%	0.8	100V	9	15	21	27	34	38	42	46
J	Insulated	10pF	Max.	635	100V	-	-	-	-	-	-	-	-
K	Grounded					-	-	-	-	-	-	-	-
L	Pi	68	+/-25%	65.3	100V	-	-	-	-	1	3	8	19
M	Pi	100	+/-25%	45.1	100V	-	-	-	-	2	6	11	27
N	Pi	135	+100/-0%	22.0	100V	-	-	-	1	6	10	20	34
O	Pi	470	+/-25%	10.6	100V	-	-	-	8	14	21	36	43
P	Pi	820	+/-25%	6.2	100V	-	-	4	13	22	31	45	52
Q	Pi	1000	+/-25%	5.1	100V	-	2	6	14	22	33	51	59
R	Pi	1700	+100/-0%	1.9	100V	1	6	12	23	35	48	64	69
S	Pi	2500	+100/-0%	1.3	50V	4	9	15	28	41	54	70	70
T	Pi	5000	+100/-0%	0.65	100V	9	15	23	41	53	66	70	70

*** FOR HIGH DENSITY FILTER PLATES (2mm CENTERS) ONLY C STYLE FILTERS ARE AVAILABLE

NOTES:

1. MATERIALS:
PLATE: BRASS PER UNS C26000/C27000
LEADS: COPPER ALLOY
2. PLATING:
PLATE:
RoHS COMPLIANT: SILVER
NON-RoHS COMPLIANT: MATTE TIN
LEADS: GOLD
3. PLATES MARKED WITH: MOLEX, MOLEX P/N AND DATE CODE IN YYWW FORMAT



1. MATERIALS:

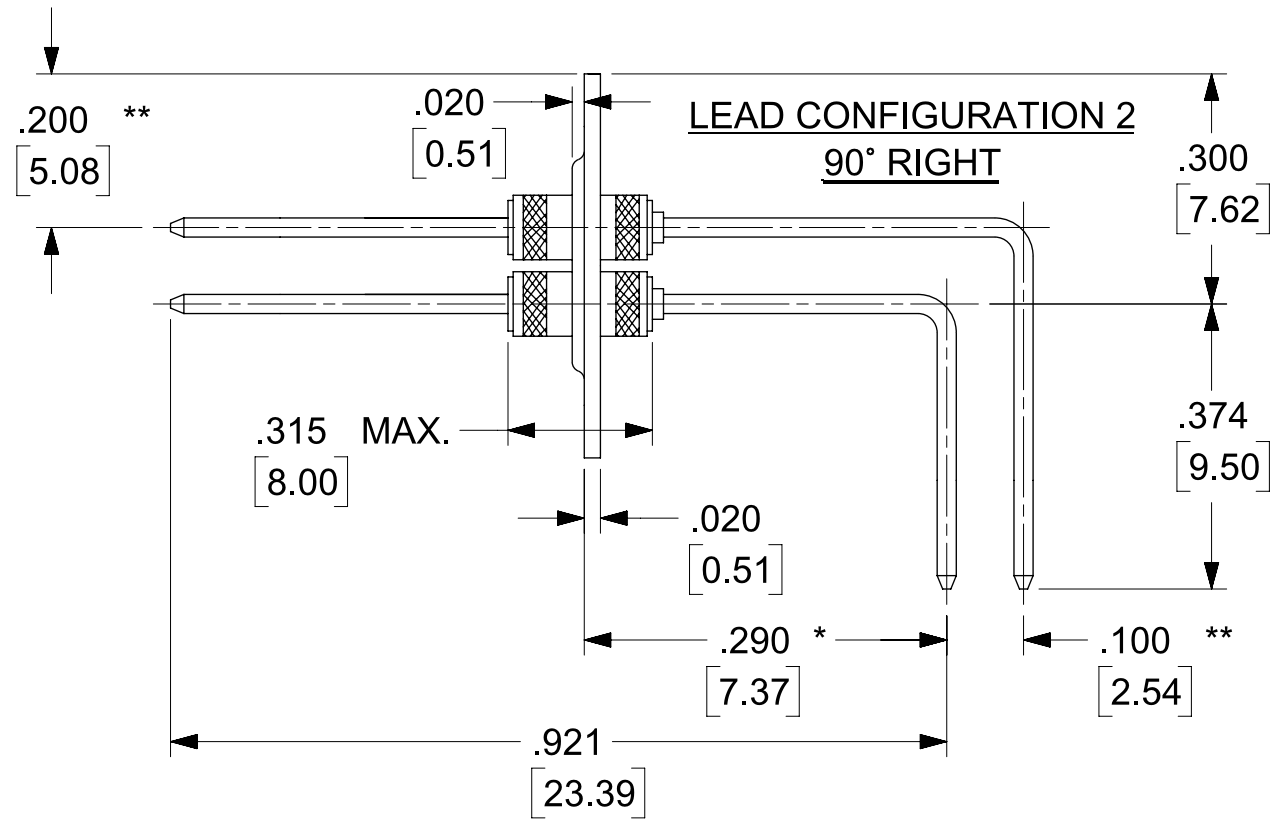
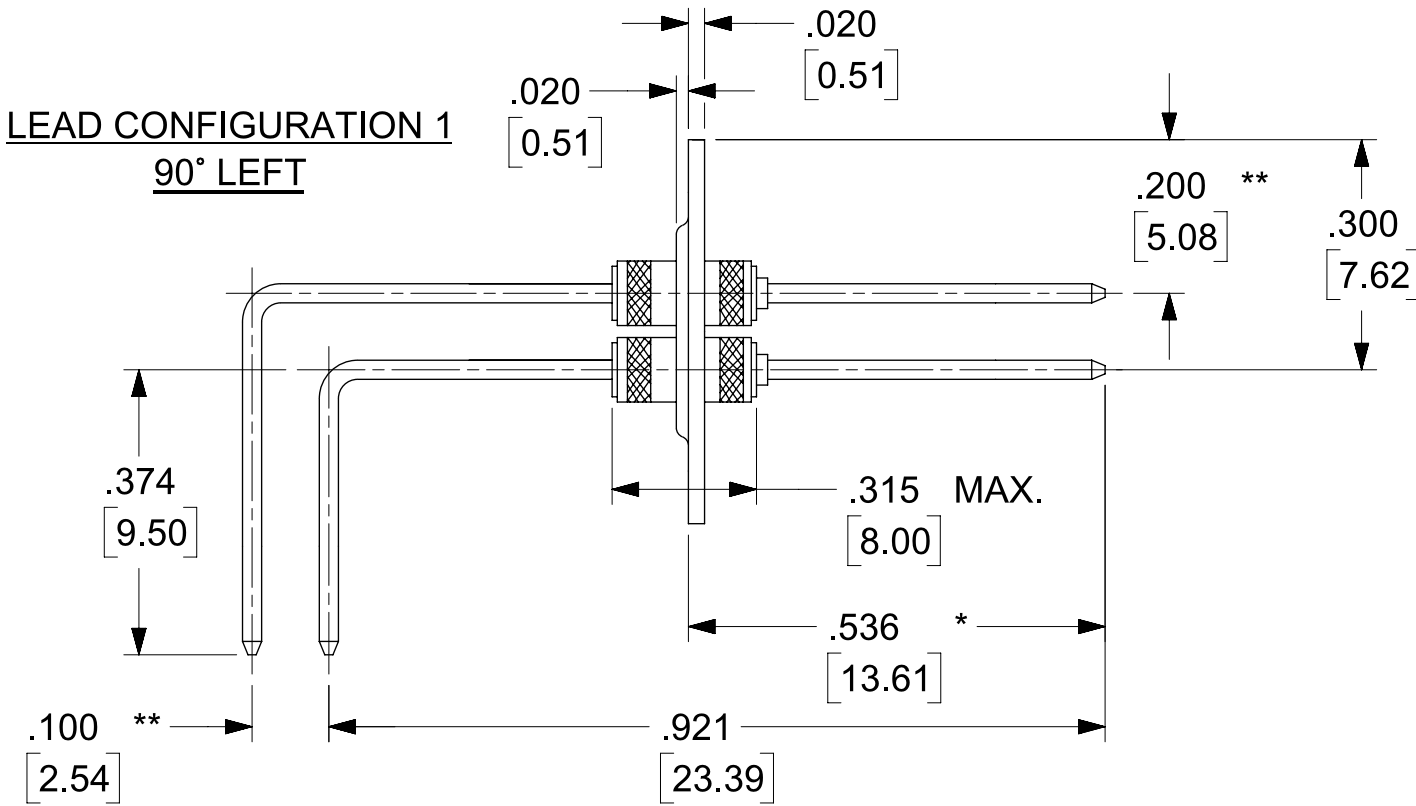
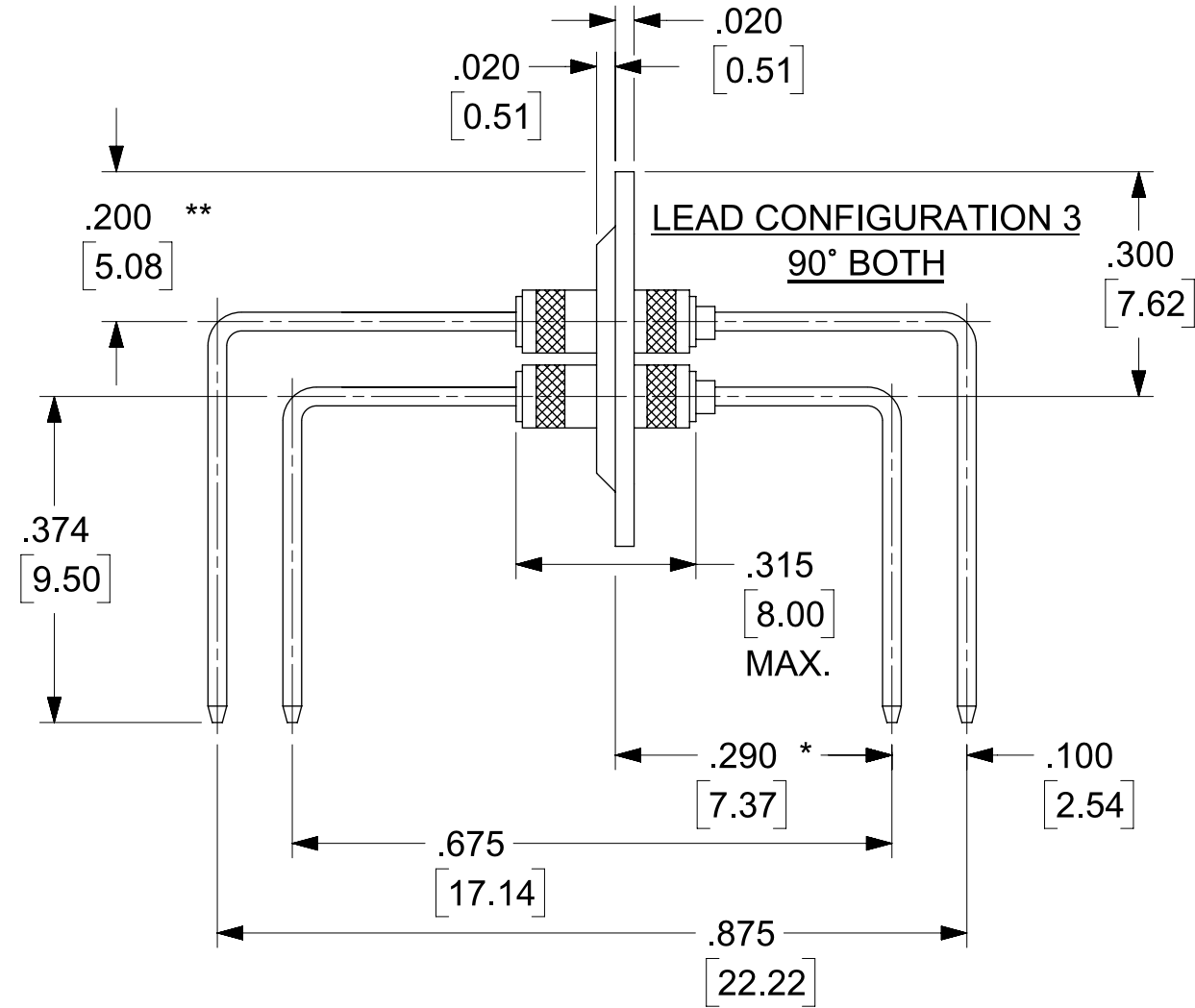
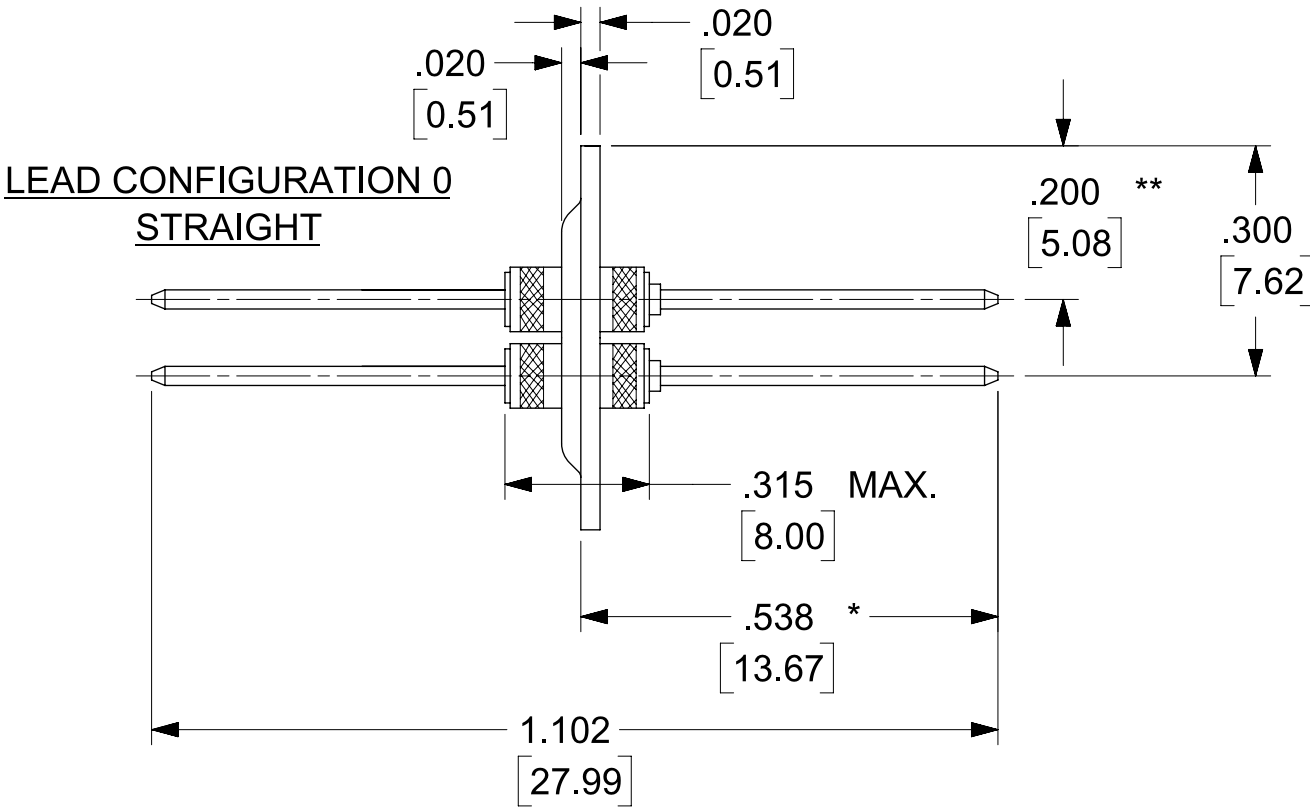
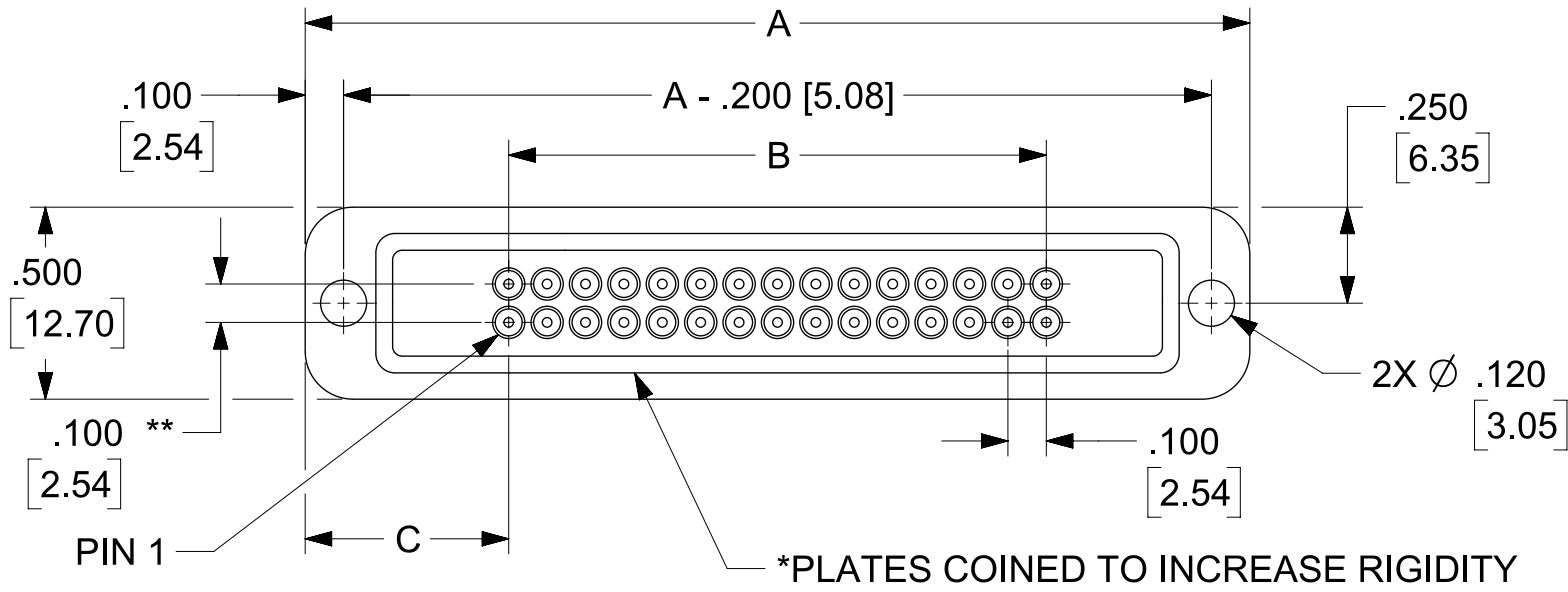
PLATE: BRASS PER UNS C26000/C27000
LEADS: COPPER ALLOY

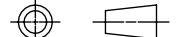
1. MATERIALS:

STANDARD DENSITY
.100 [2.54] CENTERS
LEAD DIAMETER = .025 [0.64]
CURRENT RATING: 5 AMPS

Plate length (A)	No. of filtered lines per row	STANDARD DENSITY	
		B	C
1.060* (26.92)	1	0 (0.00)	0.53 (13.46)
	2	0.1 (2.54)	0.43 (10.92)
	3	0.2 (5.08)	0.43 (10.92)
	4	0.3 (7.62)	0.33 (8.38)
	5	0.4 (10.16)	0.33 (8.38)
1.560* (39.62)	1	0 (0.00)	0.73 (18.54)
	2	0.1 (2.54)	0.73 (18.54)
	3	0.2 (5.08)	0.63 (16.00)
	4	0.3 (7.62)	0.63 (16.00)
	5	0.4 (10.16)	0.53 (13.46)
	6	0.5 (12.70)	0.53 (13.46)
	7	0.6 (15.24)	0.43 (10.92)
	8	0.7 (17.78)	0.43 (10.92)
	9	0.8 (20.32)	0.33 (8.38)
	10	0.9 (22.86)	0.33 (8.38)
2.560 (65.02)	5	0.4 (10.16)	1.03 (26.16)
	6	0.5 (12.70)	1.03 (26.16)
	7	0.6 (15.24)	0.93 (23.62)
	8	0.7 (17.78)	0.93 (23.62)
	9	0.8 (20.32)	0.83 (21.08)
	10	0.9 (22.86)	0.83 (21.08)
	11	1.0 (25.40)	0.73 (18.54)
	12	1.1 (27.94)	0.73 (18.54)
	13	1.2 (30.48)	0.63 (16.00)
	14	1.3 (33.02)	0.63 (16.00)
	15	1.4 (35.56)	0.53 (13.46)
	16	1.5 (38.10)	0.53 (13.46)
	17	1.6 (40.65)	0.43 (10.92)
	18	1.7 (43.18)	0.43 (10.92)
	19	1.8 (45.72)	0.33 (8.38)
3.560 (90.42)	20	1.9 (48.26)	0.33 (8.38)
	13	1.2 (30.48)	1.13 (27.70)
	14	1.3 (33.02)	1.13 (27.70)
	15	1.4 (35.56)	1.03 (26.16)
	16	1.5 (38.10)	1.03 (26.16)
	17	1.6 (40.65)	0.93 (23.62)
	18	1.7 (43.18)	0.93 (23.62)
	19	1.8 (45.72)	0.83 (21.08)
	20	1.9 (48.26)	0.83 (21.08)
	21	2.0 (50.80)	0.73 (18.54)
	22	2.1 (53.34)	0.73 (18.54)
	23	2.2 (55.88)	0.63 (16.00)
	24	2.3 (55.42)	0.63 (16.00)
	25	2.4 (60.96)	0.53 (13.46)
	26	2.5 (63.50)	0.53 (13.46)
	27	2.6 (66.04)	0.43 (10.92)
	28	2.7 (68.58)	0.43 (10.92)
	29	2.8 (71.12)	0.33 (8.38)
	30	2.9 (73.66)	0.33 (8.38)

* 1.060 (26.92) AND 1.560 (39.62) LONG PLATES DO NOT HAVE COINING. INCREASE THESE DIMENSIONS BY .020 (0.51) IF USING THESE SIZED PLATES
** DIMENSION NOT APPLICAPIBLE FOR SINGLE ROW DESIGNS



FUNCTIONAL SYMBOLS F_A = 0 F_C = 0 F_P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: RELEASED																									
	INCH/mm		NTS																											
	GENERAL TOLERANCES (UNLESS SPECIFIED)																													
		MM	INCH																											
	4 PLACES	±	±																											
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	ANGULAR TOL				±	0.5°		STATUS: Production DRWN: Kevin Tagan 2024-08-20 CHK'D: Les Meier 2024-08-20 APPR: James Borrelli 2024-08-20																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION						DRAWING	SERIES																	
						C-SIZE	73286																							
molex BOLT-IN FILTER PLATES PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">732860010</td><td>PSD</td><td>000</td><td>A</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td>2 OF 4</td></tr></table>											DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	732860010		PSD	000	A	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	SEE TABLE		GENERAL MARKET		2 OF 4
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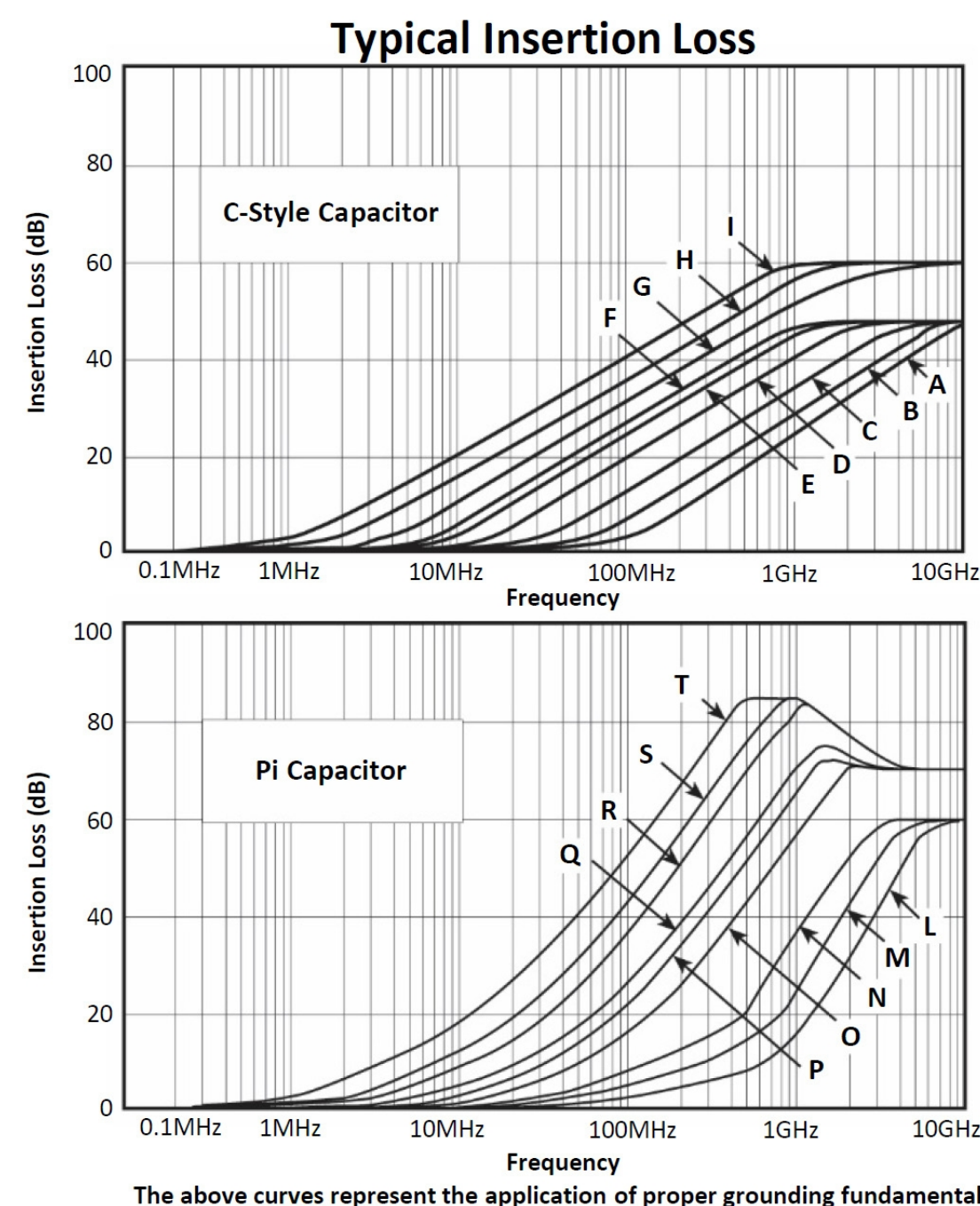
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= 0		INCH/mm		NTS								
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)										
= 0												
DIVISIONAL SYMBOLS			MM	INCH								
		4 PLACES	±	±								
		3 PLACES	±	±								
		2 PLACES	±	±								
		1 PLACE	±	±								
		0 PLACES	±	±	STATUS: Production DRWN: Kevin Tagan 2024-08-14 CHK'D: Les Meier 2024-08-19 APPR: James Borrelli 2024-08-19							
		ANGULAR TOL ± 0.5°										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
					C-SIZE	73287	SEE TABLE	GENERAL MARKET	1 OF 4			
						PRODUCT CUSTOMER DRAWING						
						DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
						732870010				PSD	000	A

