

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

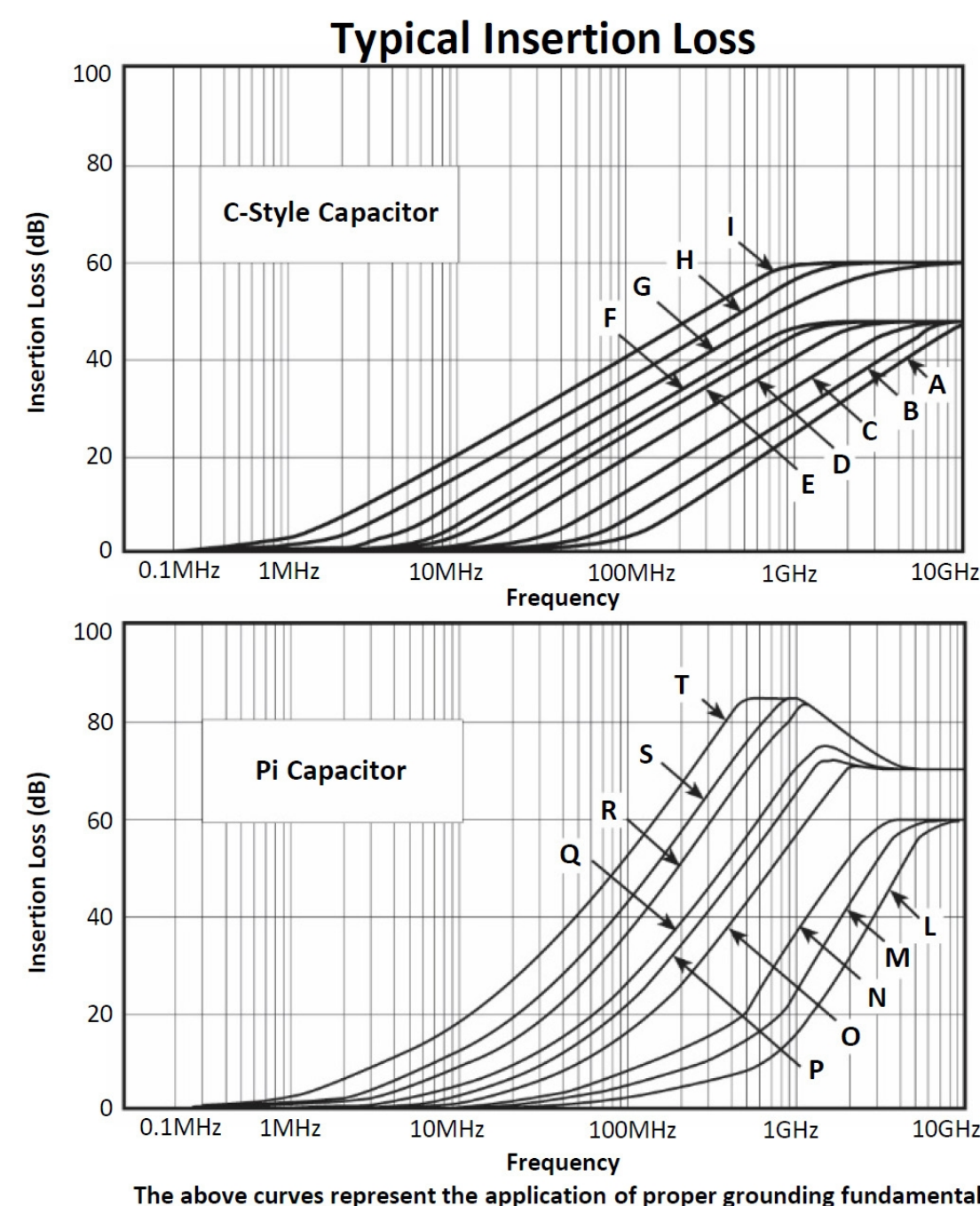
FILTER DESIGNATION SELECTION TABLE

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:

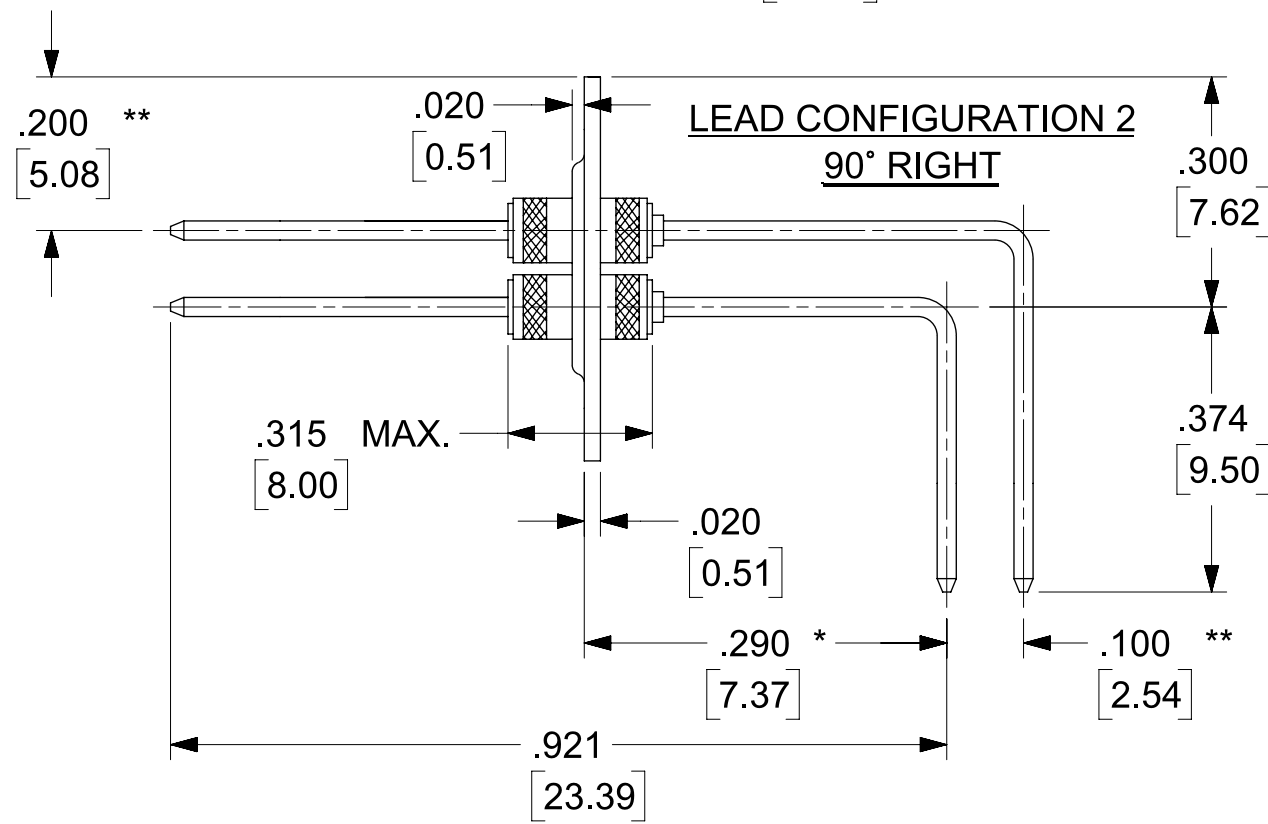
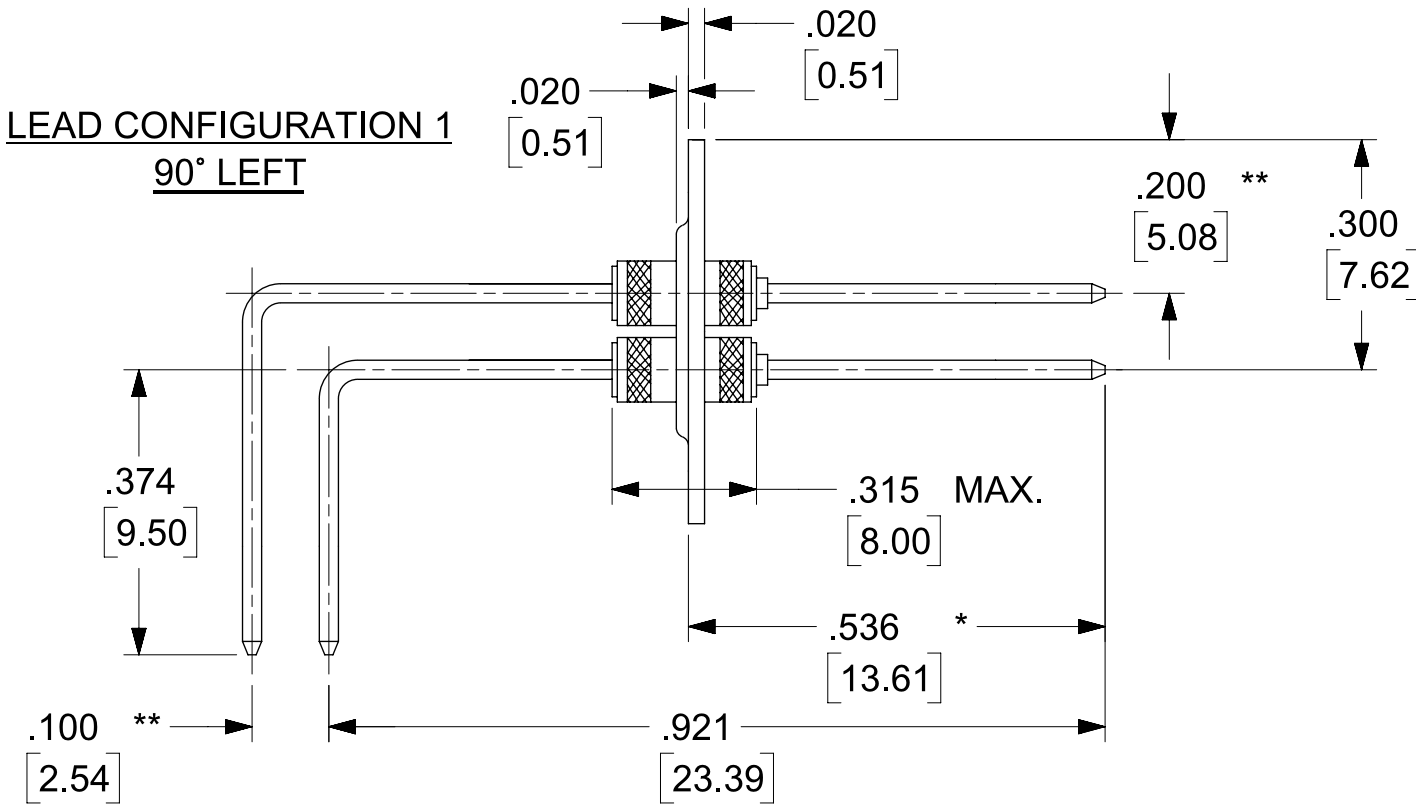
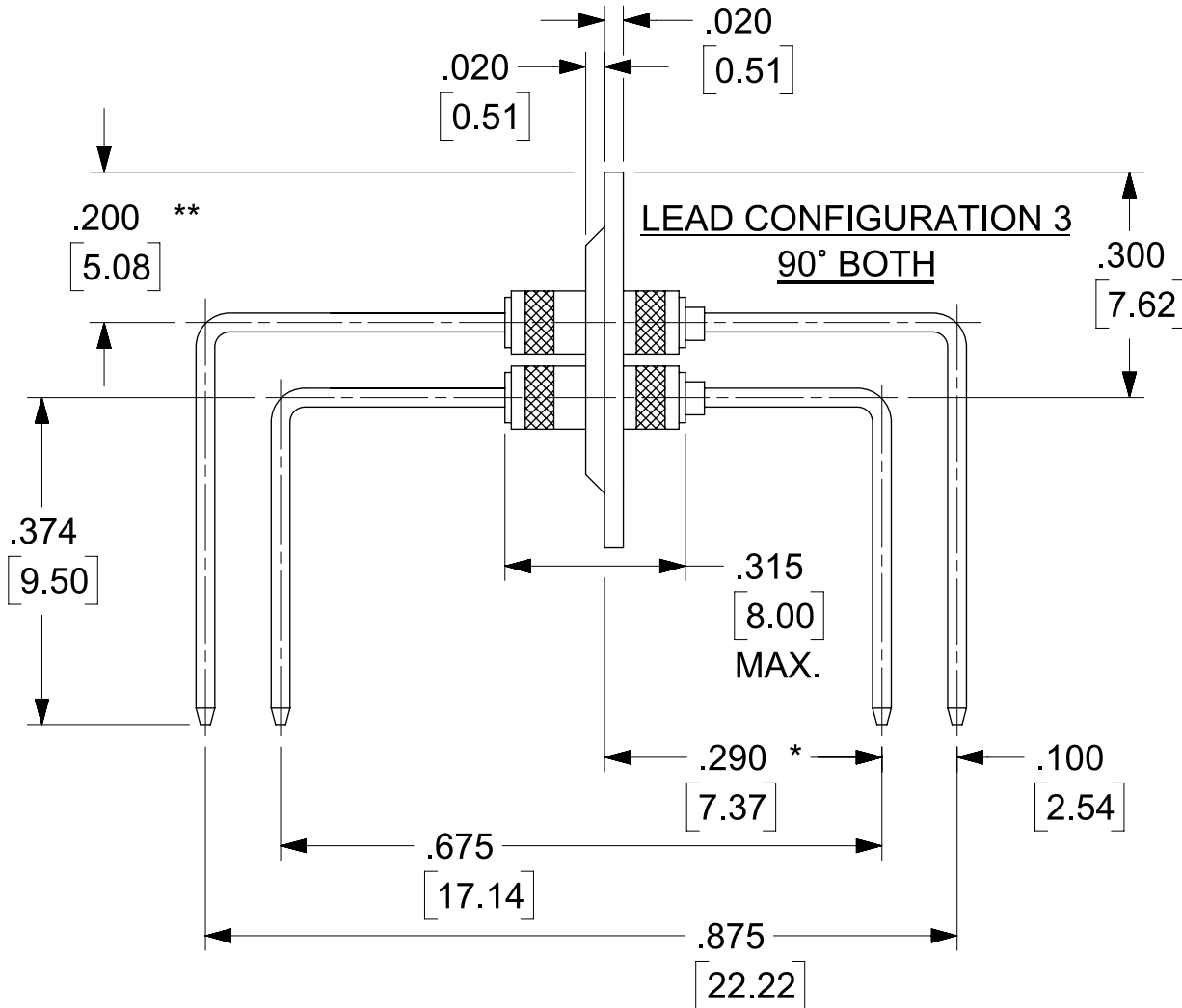
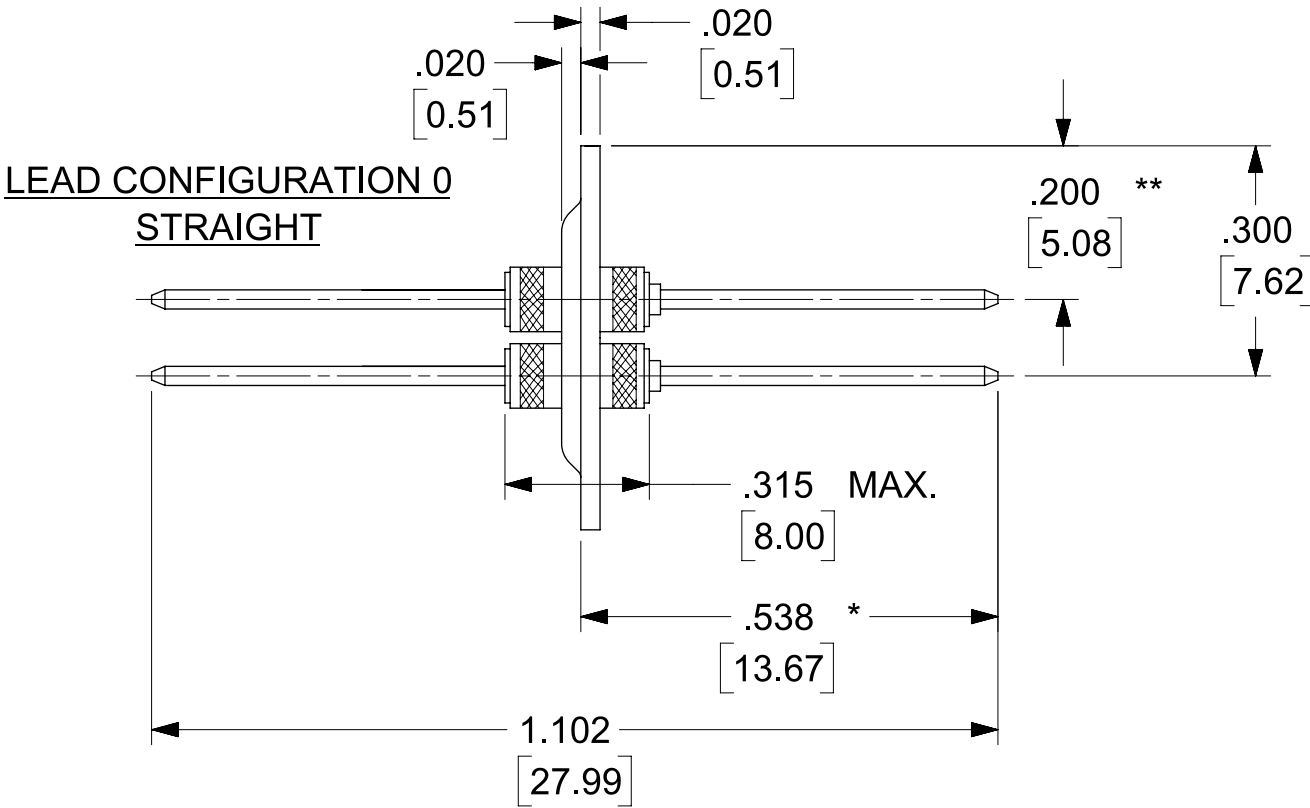
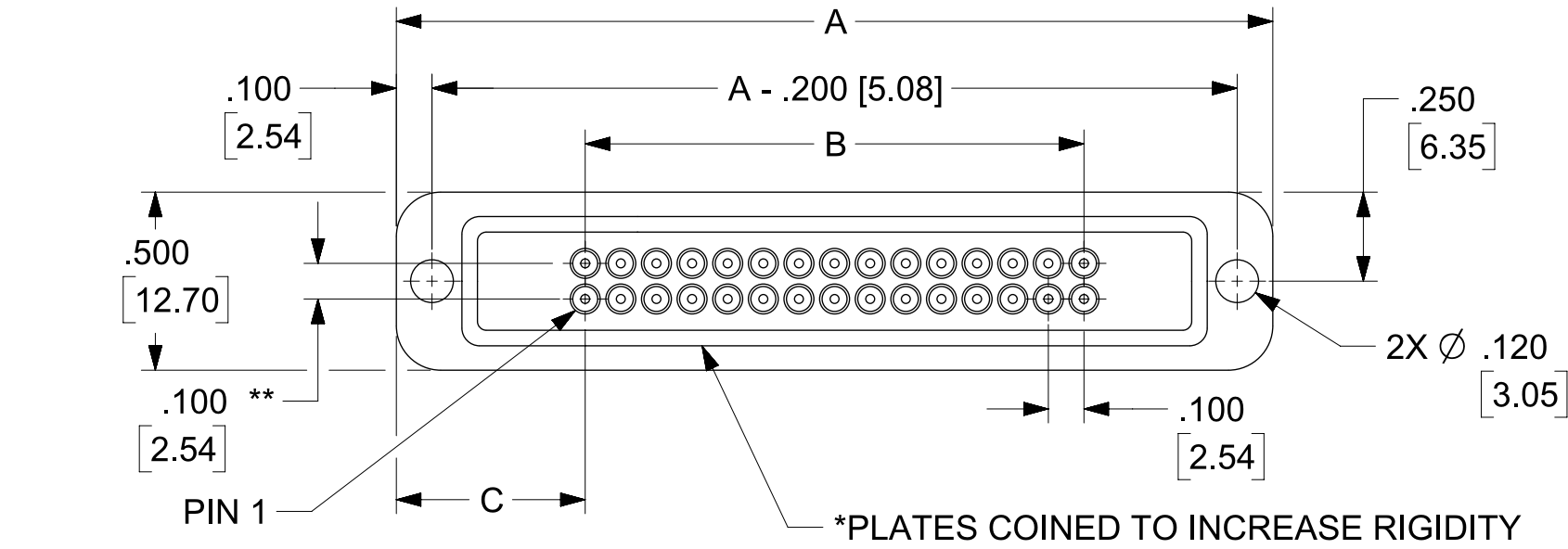
1. MATERIALS:
 - PLATE: BRASS PER UNS C26000/C27000
 - LEADS: COPPER ALLOY
2. PLATING:
 - PLATE:
 - RoHS COMPLIANT: SILVER
 - NON-RoHS COMPLIANT: MATTE TIN
 - LEADS: GOLD
3. PLATES MARKED WITH: MOLEX. MOLEX P/N AND DATE CODE IN YYWW FORMAT

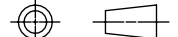
[illegible]

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		±	±	STATUS: Production DRWN: Kevin Tagan2024-08-20 CHK'D: Les Meier2024-08-20 APPR: James Borrelli2024-08-20														
	3 PLACES		±	±															
	2 PLACES		±	±															
	1 PLACE		±	±															
	0 PLACES		±	±															
ANGULAR TOL		±	0.5°	THIRD ANGLE PROJECTION 															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
										C-SIZE		73286		SEE TABLE		GENERAL MARKET		2 OF 4	
molex BOLT-IN FILTER PLATES PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 732860010 DOC TYPE PSD DOC PART 000 REVISION A																			

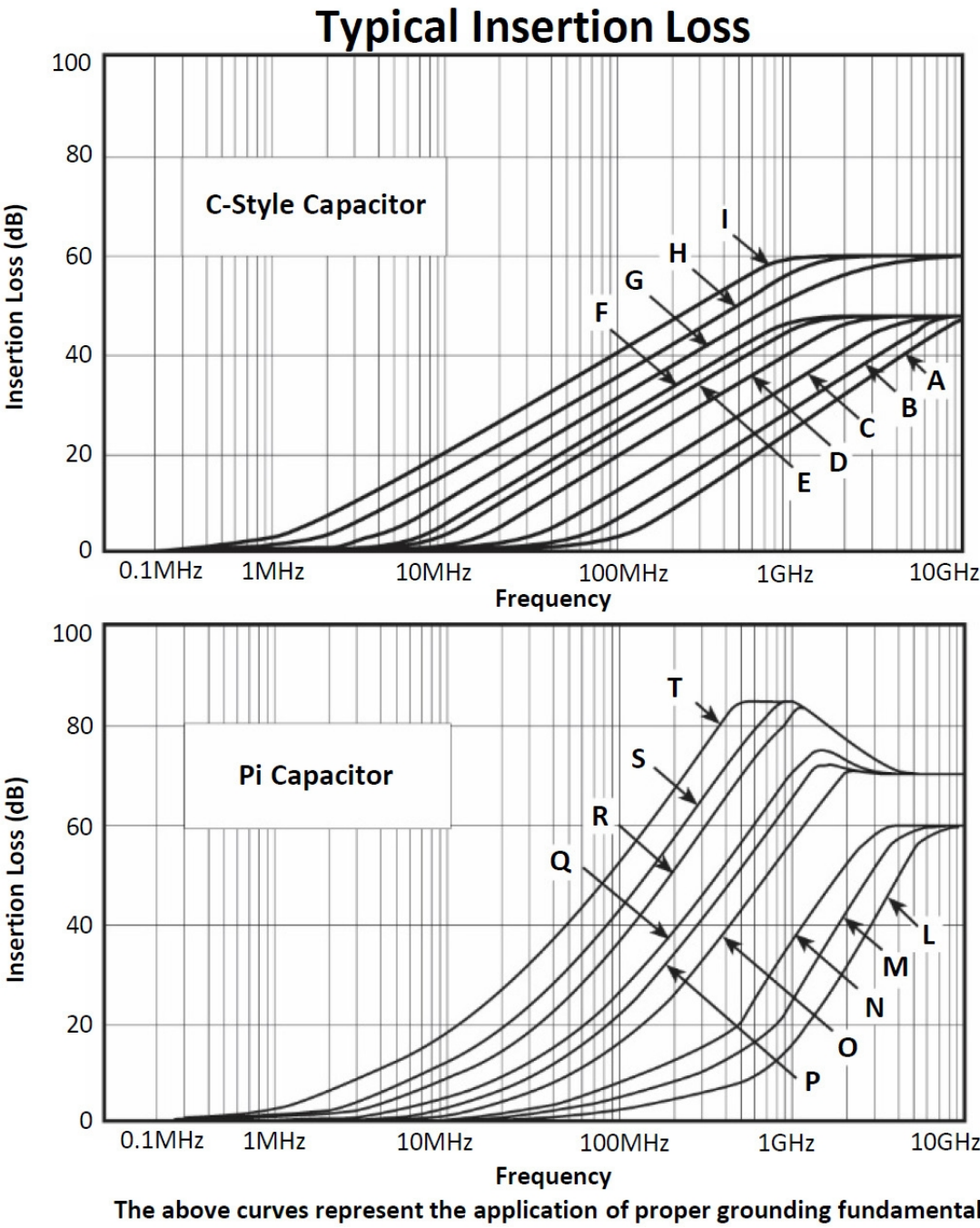
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$\frac{E}{A} = 0$	INCH/mm		NTS																			
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$\frac{E}{C} = 0$			MM		INCH																	
	4 PLACES		±		±																	
$\frac{E}{P} = 0$	3 PLACES		±		±																	
	2 PLACES		±		±																	
DIVISIONAL SYMBOLS	1 PLACE		±		±		STATUS: Production DRWN: Kevin Tagan 2024-08-14 CHK'D: Les Meier 2024-08-19 APPR: James Borrelli 2024-08-19															
	0 PLACES		±		±																	
	ANGULAR TOL ± 0.5°															THIRD ANGLE PROJECTION DRAWING C-SIZE 73287						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																					
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