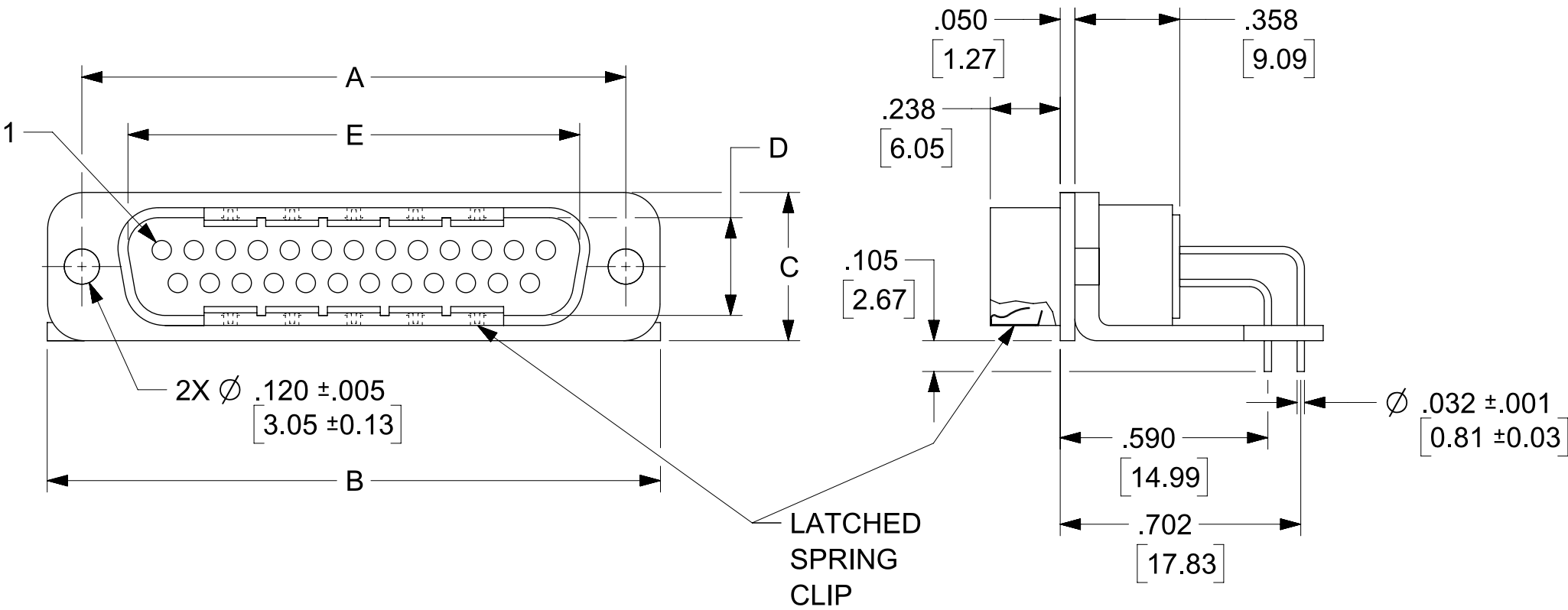


STANDARD MOUNTING WITH PLASTIC BRACKET

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732840010	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840011	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840020	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840021	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840030	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840031	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840040	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840041	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840050	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840051	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840060	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840061	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840070	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840071	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840080	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840081	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840090	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840091	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840100	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840101	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732840110	25	25 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840111	25	25 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840120	25	25 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840121	25	25 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840130	37	37 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840131	37	37 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840140	37	37 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840141	37	37 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840150	37	37 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840151	37	37 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840160	37	37 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840161	37	37 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840170	50	50 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840171	50	50 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840180	50	50 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840181	50	50 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840190	50	50 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840191	50	50 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840200	50	50 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840201	50	50 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF

CAPACITANCE		3 dB MAX CUTOFF FREQ (MHz)	DIELECTRIC WITHSTANDING VOLTAGE	CONTACT RATING	CONTACT RESISTANCE	WORKING VOLTAGE DC	MINIMUM INSERTION LOSS (dB)							
VALUE	TOLERANCE					-55°C TO +125°C	5 MHz	10 MHz	20 MHz	50 MHz	100 MHz	200 MHz	500 MHz	1 GHz
1000pF	+150%/-0%	3.2	300V	5A	10 MILLIOHMS MAX	100V	-	3	8	17	27	39	58	70
100pF	+100%/-0%	32	300V			100V	-	-	-	2	5	8	16	33
2500pF	+100%/-0%	1.3	150V			50V	6	10	15	30	42	55	70	70
4000pF	+100%/-0%	0.8	150V			50V	8	13	20	37	50	64	70	70



- NOTES:
- MATERIALS AND PLATING:
SHELL: NICKEL PLATED ZINC
INSULATORS: GLASS FILLED POLYESTER, UL94V-0
CONTACTS: COPPER ALLOY, .000015" GOLD IN PIN CONTACT MATING AREAS
SPRING CLIPS: TIN PLATED BERYLLIUM COPPER
BRACKET: HIGH-TEMP NYLON
 - FOR RECOMMENDED PCB PATTERNS AND PANEL CUTOUT DIMENSIONS SEE PS-732840000

POSITIONS	A	B	C	D	E
9	.984 [24.99]	1.213 [30.81]	.505 [12.83]	.333 [8.46]	.666 [16.92]
15	1.312 [33.32]	1.541 [39.14]	.505 [12.83]	.333 [8.46]	.994 [25.25]
25	1.852 [47.04]	2.088 [53.04]	.505 [12.83]	.333 [8.46]	1.534 [38.96]
37	2.500 [63.50]	2.729 [69.32]	.505 [12.83]	.333 [8.46]	2.182 [55.42]
50	2.406 [61.11]	2.635 [66.93]	.615 [15.62]	.440 [11.18]	2.079 [52.81]

FUNCTIONAL SYMBOLS

$\frac{F}{A}=0$

$\frac{F}{E}=0$

$\frac{F}{D}=0$

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

INCH/mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

0.5°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

CURRENT REV DESC: CREATED

STATUS: Production

DRWN: Kevin Tagan

CHK'D: Les Meier

APPR: James Borrelli

2024-04-30

2024-05-13

2024-05-13

R/A PI FILTERED D-SUB PLUGS

PRODUCT SALES DRAWING

DOCUMENT NUMBER

732840010

DOC TYPE

PSD

DOC PART

000

REVISION

A

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

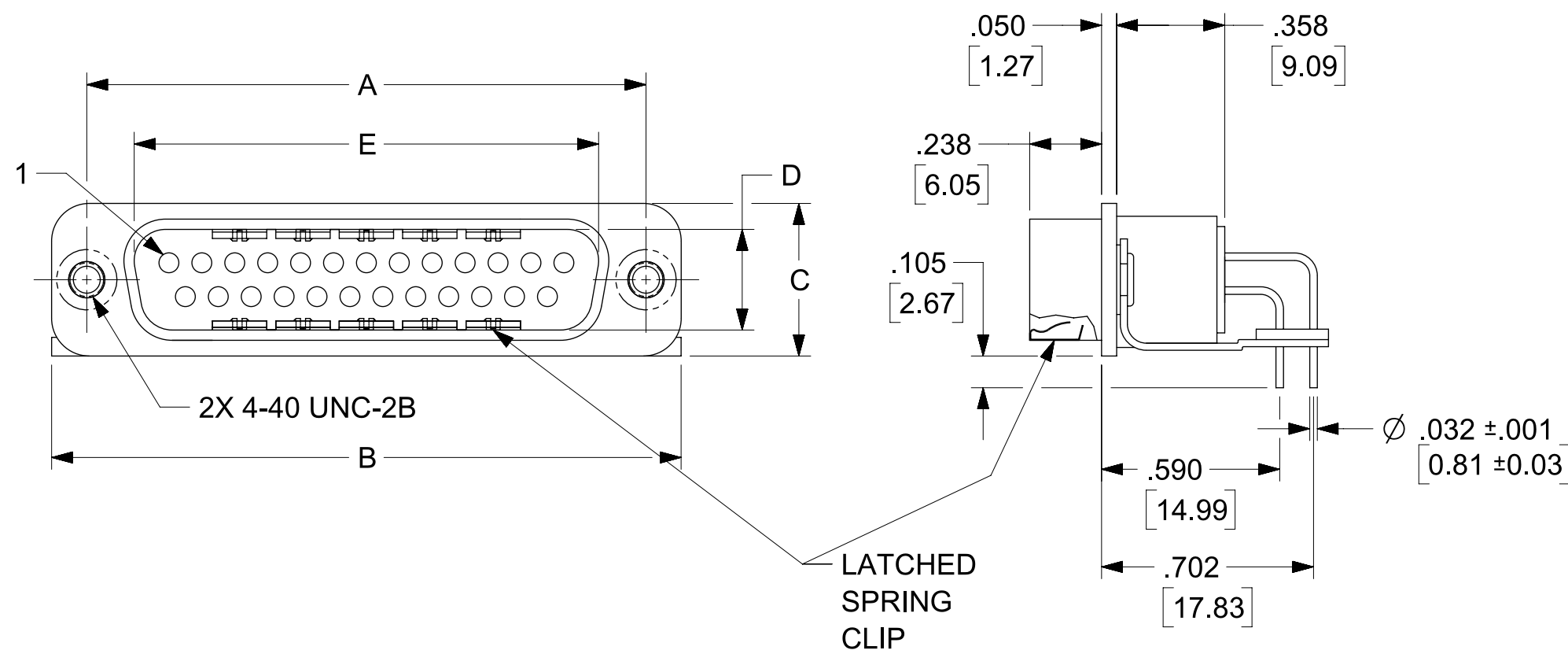
1 OF 4

METAL GROUNDING BRACKET

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732840210	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840211	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840220	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840221	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840230	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840231	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840240	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840241	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840250	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840251	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840260	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840261	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840270	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840271	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840280	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840281	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840290	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840291	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840300	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840301	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732840310	25	25 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840311	25	25 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840320	25	25 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840321	25	25 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840330	37	37 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840331	37	37 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840340	37	37 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840341	37	37 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840350	37	37 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840351	37	37 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840360	37	37 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840361	37	37 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840370	50	50 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840371	50	50 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840380	50	50 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840381	50	50 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840390	50	50 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840391	50	50 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840400	50	50 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840401	50	50 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF

CAPACITANCE		3 dB MAX CUTOFF FREQ (MHz)	DIELECTRIC WITHSTANDING VOLTAGE	CONTACT RATING	CONTACT RESISTANCE	WORKING VOLTAGE DC	MINIMUM INSERTION LOSS (dB)							
VALUE	TOLERANCE					-55°C TO +125°C	5 MHz	10 MHz	20 MHz	50 MHz	100 MHz	200 MHz	500 MHz	1 GHz
1000pF	+150%/-0%	3.2	300V	5A	10 MILLIOHMS MAX	100V	-	3	8	17	27	39	58	70
100pF	+100%/-0%	32	300V			100V	-	-	-	2	5	8	16	33
2500pF	+100%/-0%	1.3	150V			50V	6	10	15	30	42	55	70	70
4000pF	+100%/-0%	0.8	150V			50V	8	13	20	37	50	64	70	70



POSITIONS	A	B	C	D	E
9	.984 [24.99]	1.213 [30.81]	.505 [12.83]	.333 [8.46]	.666 [16.92]
15	1.312 [33.32]	1.541 [39.14]	.505 [12.83]	.333 [8.46]	.994 [25.25]
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37	2.500 [63.50]	2.729 [69.32]	.505 [12.83]	.333 [8.46]	2.182 [55.42]
50	2.406 [61.11]	2.635 [66.93]	.615 [15.62]	.440 [11.18]	2.079 [52.81]

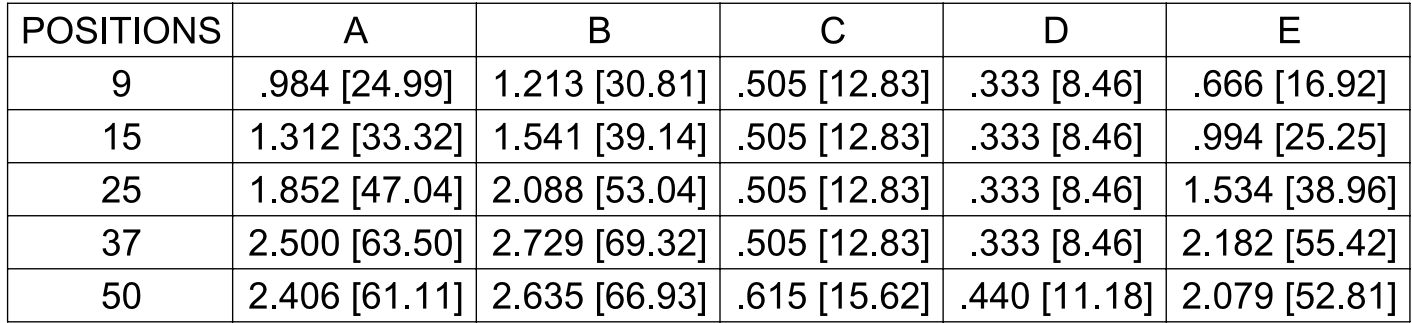
NOTES:

1. MATERIALS AND PLATING:
SHELL AND BRACKET: NICKEL PLATED ZINC
INSULATORS: GLASS FILLED POLYESTER, UL94V-0
CONTACTS: COPPER ALLOY, .000015" GOLD IN PIN CONTACT MATING AREAS
SPRING CLIPS: TIN PLATED BERYLLIUM COPPER
2. FOR RECOMMENDED PCB PATTERNS AND PANEL CUTOUT DIMENSIONS SEE PS-732840000

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
F A = 0 F E = 0 F P = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: CREATED									
		INCH/mm		NTS											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
			MM		INCH										
		4 PLACES		±		±									
		3 PLACES		±		±									
		2 PLACES		±		±									
		1 PLACE		±		±									
0 PLACES		±		±											
DIVISIONAL SYMBOLS		ANGULAR TOL		±	0.5°										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		73284		SEE TABLE		GENERAL MARKET		2 OF 4	
STATUS: Production DRWN: Kevin Tagan 2024-04-30 CHK'D: Les Meier 2024-05-13 APPR: James Borrelli 2024-05-13						molex									
						R/A Pi FILTERED D-SUB PLUGS									
						PRODUCT SALES DRAWING									
						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
						732840010				PSD		000		A	

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732840410	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840411	9	9 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840420	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840421	9	9 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840430	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840431	9	9 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840440	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840441	9	9 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840450	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840451	15	15 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840460	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840461	15	15 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF
0732840470	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	YES	2500pF
0732840471	15	15 PIN R/A PCB 2500pF Pi DSUB PLUG	NO	2500pF
0732840480	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	YES	4000pF
0732840481	15	15 PIN R/A PCB 4000pF Pi DSUB PLUG	NO	4000pF
0732840490	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	YES	1000pF
0732840491	25	25 PIN R/A PCB 1000pF Pi DSUB PLUG	NO	1000pF
0732840500	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	YES	100pF
0732840501	25	25 PIN R/A PCB 100pF Pi DSUB PLUG	NO	100pF

CAPACITANCE		3 dB MAX CUTOFF FREQ (MHz)	DIELECTRIC WITHSTANDING VOLTAGE	CONTACT RATING	CONTACT RESISTANCE	WORKING VOLTAGE DC	MINIMUM INSERTION LOSS (dB)							
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4000pF	+100%/-0%	0.8	150V			50V	8	13	20	37	50	64	70	70



1. MATERIALS AND PLATING:
SHELL AND BRACKET: NICKEL PLATED ZINC
INSULATORS: GLASS FILLED POLYESTER, UL94V-0
CONTACTS: COPPER ALLOY, .000015" GOLD IN PIN CONTACT MATING AREAS
SPRING CLIPS: TIN PLATED BERYLLIUM COPPER

2. FOR RECOMMENDED PCB PATTERNS AND PANEL CUTOUT DIMENSIONS SEE PS-732840000

FORMAT: IN-TC-B-prod-C
REVISION: B

