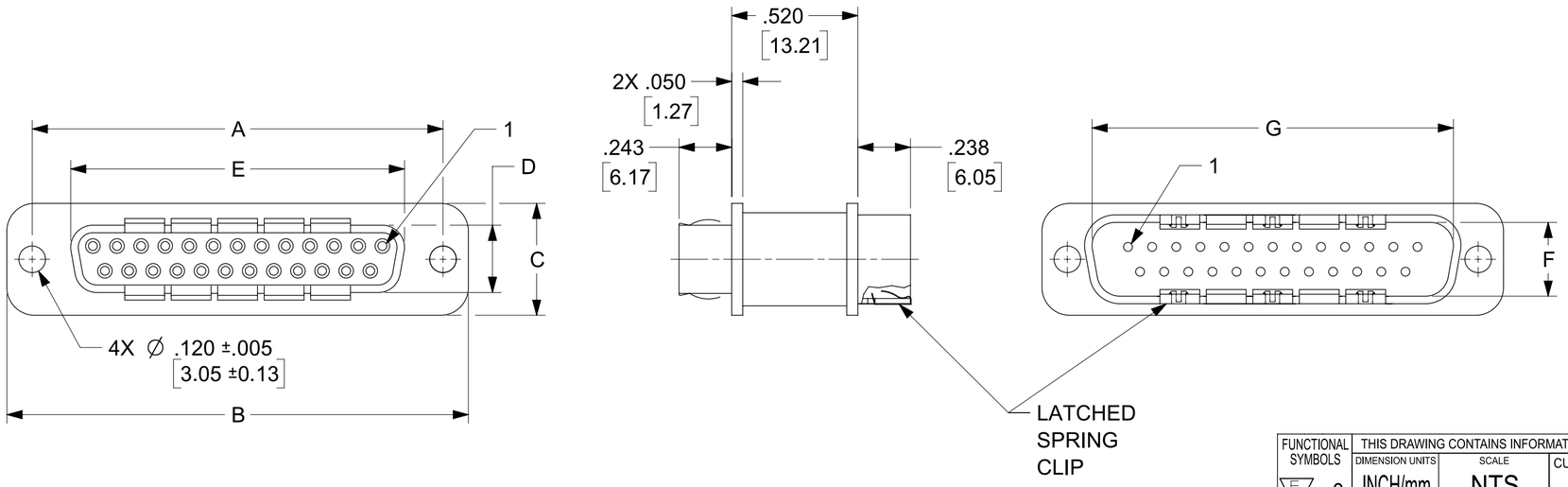
STANDARD MOUNTING

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732841810	9	9 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732841811	9	9 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732841820	9	9 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732841821	9	9 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732841830	9	9 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732841831	9	9 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732841840	9	9 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732841841	9	9 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732841850	15	15 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732841851	15	15 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732841860	15	15 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732841861	15	15 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732841870	15	15 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732841871	15	15 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732841880	15	15 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732841881	15	15 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732841890	25	25 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732841891	25	25 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732841900	25	25 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732841901	25	25 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732841910	25	25 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732841911	25	25 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732841920	25	25 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732841921	25	25 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732841930	37	37 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732841931	37	37 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732841940	37	37 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732841941	37	37 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732841950	37	37 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732841951	37	37 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732841960	37	37 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732841961	37	37 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732841970	50	50 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732841971	50	50 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732841980	50	50 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732841981	50	50 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732841990	50	50 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732841991	50	50 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842000	50	50 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842001	50	50 PIN PLUG-SOCKET 4000pF Pi ADAPTER	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:
1. MATERIALS AND PLATING:
   SHELL: NICKEL PLATED ZINC
   INSULATORS: GLASS FILLED POLYESTER, UL94V-0
   CONTACTS: COPPER ALLOY,
   .000030" GOLD IN SOCKET CONTACT MATING AREAS
   .000015" GOLD IN PLUG CONTACT MATING AREAS
   SPRING CLIPS: TIN PLATED BERYLLIUM COPPER
2. FOR RECOMMENDED PANEL CUTOUT DIMENSIONS SEE PS-732840000

POSITIONS	A	B	C	D	E	F	G
9	.984 [24.99]	1.213 [30.81]	.505 [12.83]	.304 [7.72]	.640 [16.26]	.333 [8.46]	.666 [16.92]
15	1.312 [33.32]	1.541 [39.14]	.505 [12.83]	.304 [7.72]	9.68 [24.59]	.333 [8.46]	.994 [25.25]
25	1.852 [47.04]	2.088 [53.04]	.505 [12.83]	.304 [7.72]	1.508 [38.30]	.333 [8.46]	1.534 [38.96]
37	2.500 [63.50]	2.729 [69.32]	.505 [12.83]	.304 [7.72]	2.156 [54.76]	.333 [8.46]	2.182 [55.42]
50	2.406 [61.11]	2.635 [66.93]	.615 [15.62]	.416 [10.57]	2.062 [52.37]	.440 [11.18]	2.079 [52.81]

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 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

CURRENT REV DESC: RELEASED

STATUS: Production
DRWN: Kevin Tagan 2024-06-18
CHK'D: Les Meier 2024-06-19
APPR: James Borrelli 2024-06-20

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 73284

molex

Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
732841810	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		1 OF 2

LOCKING INSERT

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732842010	9	9 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732842011	9	9 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732842020	9	9 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732842021	9	9 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732842030	9	9 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732842031	9	9 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842040	9	9 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842041	9	9 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732842050	15	15 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732842051	15	15 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732842060	15	15 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732842061	15	15 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732842070	15	15 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732842071	15	15 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842080	15	15 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842081	15	15 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732842090	25	25 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732842091	25	25 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732842100	25	25 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732842101	25	25 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF

MOLEX P/N	# OF POSITIONS	DESCRIPTION	RoHS SOLDER	CAPACITANCE VALUE
0732842110	25	25 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732842111	25	25 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842120	25	25 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842121	25	25 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732842130	37	37 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732842131	37	37 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732842140	37	37 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732842141	37	37 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732842150	37	37 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732842151	37	37 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842160	37	37 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842161	37	37 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF
0732842170	50	50 PIN PLUG-SOCKET 1000pF Pi ADAPTER	YES	1000pF
0732842171	50	50 PIN PLUG-SOCKET 1000pF Pi ADAPTER	NO	1000pF
0732842180	50	50 PIN PLUG-SOCKET 100pF Pi ADAPTER	YES	100pF
0732842181	50	50 PIN PLUG-SOCKET 100pF Pi ADAPTER	NO	100pF
0732842190	50	50 PIN PLUG-SOCKET 2500pF Pi ADAPTER	YES	2500pF
0732842191	50	50 PIN PLUG-SOCKET 2500pF Pi ADAPTER	NO	2500pF
0732842200	50	50 PIN PLUG-SOCKET 4000pF Pi ADAPTER	YES	4000pF
0732842201	50	50 PIN PLUG-SOCKET 4000pF Pi ADAPTER	NO	4000pF

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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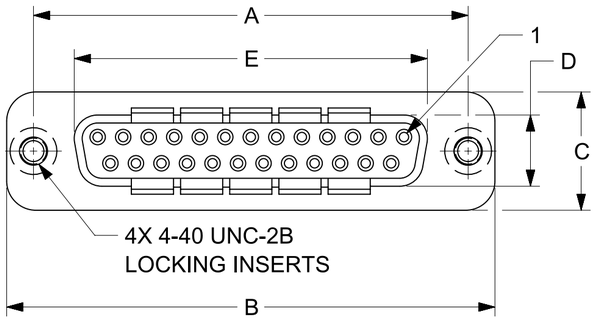

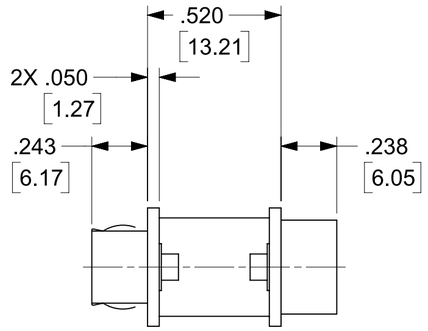

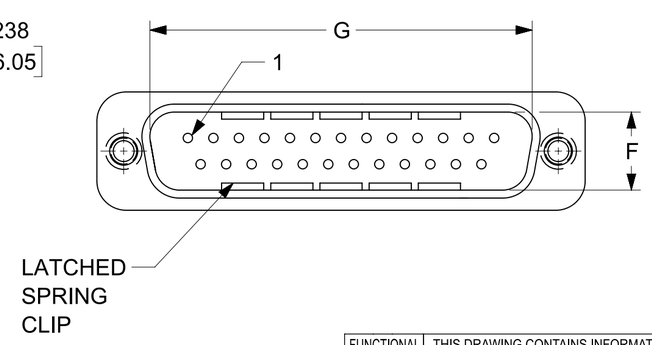

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3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 0.5°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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STATUS: Production
DRWN: Kevin Tagan 2024-06-18
CHK'D: Les Meier 2024-06-19
APPR: James Borrelli 2024-06-20

THIRD ANGLE PROJECTION

molex

Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
732841810	PSD	000	A

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
C-SIZE	73284	SEE TABLE		2 OF 2

FORMAT: 3in-TC-tb-prod-C
REVISION: B
DATE: 2022/08/01