

DO NOT
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THIS PRINTDESIGNED AND DIMENSIONED IN INCHES[MILLIMETERS]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

GPPC-PX-X-XX-XX-ST-SL-X-X

NOTES

1. SMPM PLUG INTERFACE I.A.W. MIL-STD-348
2. WHEN MOUNTED TO PCB, TIGHTEN PCB SCREW TO 1.5 - 2.0 IN-LBS USING 1.5mm HEX TOOL .
3. RECOMMENDED STENCIL THICKNESS: .005[0.13].

TYPE

-P: PCB

SERIES

-C: CABLE CONNECTOR

GENDER

-PF: PLUG FULL DETENT
 -PS: PLUG SMOOTH BORE
 -PC: PLUG CATCHER'S MITT
 (SUPPLY WITH GPPC-PC-X-XX-XX-ST-SL ONLY)

No OF ROWS

-1

No OF POSITIONS (PER ROW)

-02, -04, -06, -08, -10

SCREW OPTION

BLANK: NON-SCREW

-1: FOR PCB THICKNESS .083" TO .103"

-2: FOR PCB THICKNESS .049" TO .069"

-3: FOR PCB THICKNESS .015" TO .035"

OPTION

BLANK: NON-SCREW

-S: SCREW

TERMINATION

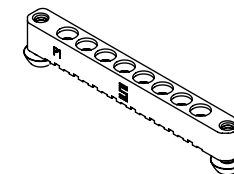
-SL: STUB LAUNCH

ORIENTATION

-ST: STRAIGHT

FINISH

-HG: 30μ" GOLD CENTER
 CONTACT, 10μ"
 GOLD OUTER BODY



(-S OPTION SEE SHT 3)

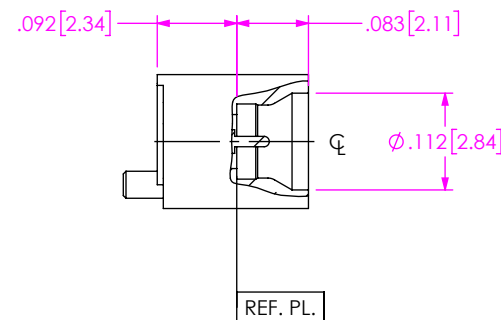
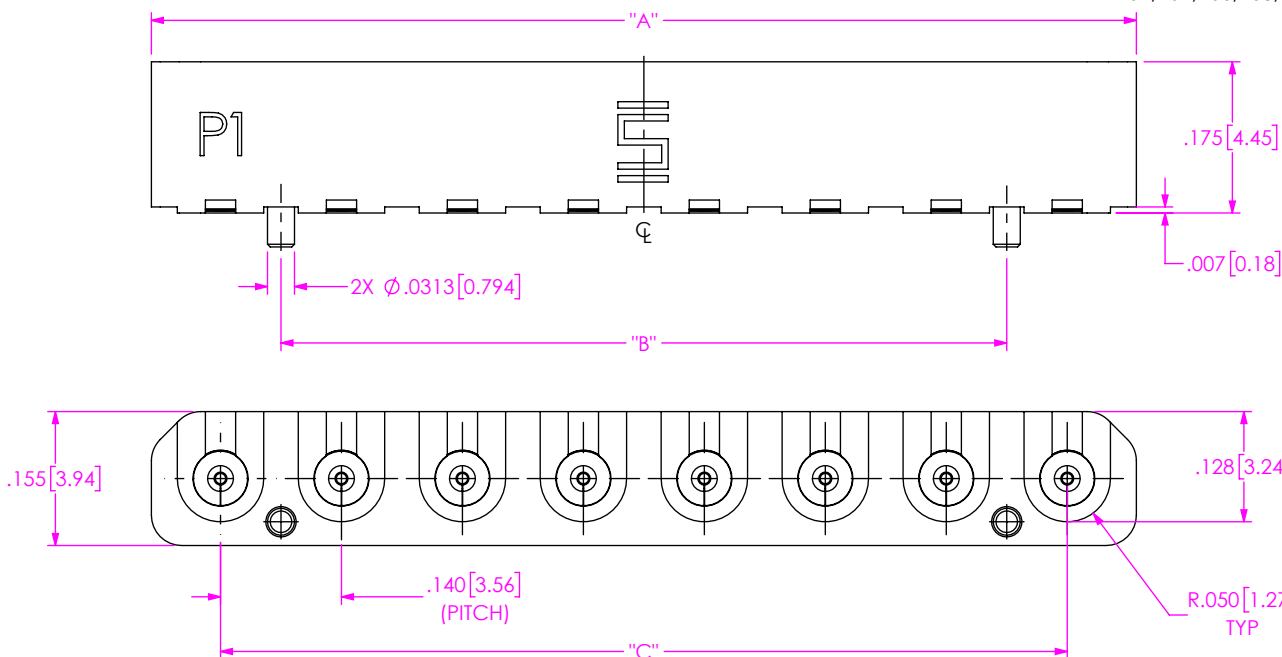


FIG 1
 (GPPC-PF-1-08-XX-ST-SL SHOWN)

TABLE 1

OPTION	POS	"A"		"B"		"C"		"F"
BLANK	-10	1.420	[36.07]	1.120	[28.45]	1.260	[32.00]	N/A
	-08	1.140	[28.96]	.840	[21.34]	.980	[24.89]	N/A
	-06	.860	[21.84]	.560	[14.22]	.700	[17.78]	N/A
	-04	.580	[14.73]	.280	[7.11]	.420	[10.67]	N/A
	-02	.303	[7.70]	N/A		.140	[3.56]	N/A
-S	-10	1.780	[45.21]	1.120	[28.45]	1.260	[32.00]	1.655 [42.04]
	-08	1.500	[38.10]	.840	[21.34]	.980	[24.89]	1.375 [34.93]
	-06	1.220	[30.99]	.560	[14.22]	.700	[17.78]	1.095 [27.81]
	-04	.940	[23.88]	.280	[7.11]	.420	[10.67]	.815 [20.70]
	-02	.660	[16.76]	N/A		.140	[3.56]	.535 [13.59]

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MATERIAL:

BODY, PIN: BRASS ALLOY
 INSULATOR: VICTREX POLYMER
 ALIGNMENT PIN, SCREW: STAINLESS STEEL

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

RECEPTACLE, SMPM, STUB LAUNCH

DWG. NO.

GPPC-PX-X-XX-XX-ST-SL-X-X

BY: MATT M.

09/24/2021

SHEET 1 OF 8

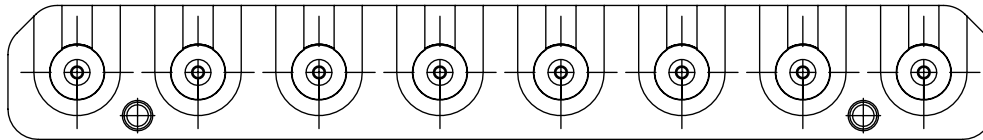


FIG 2
(GPPC-PS-1-08-XX-ST-SL SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

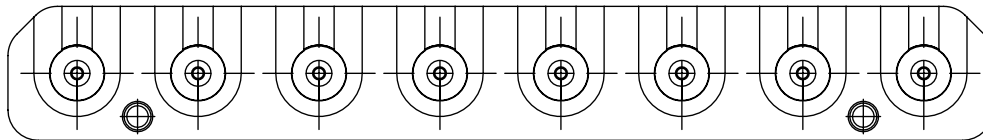
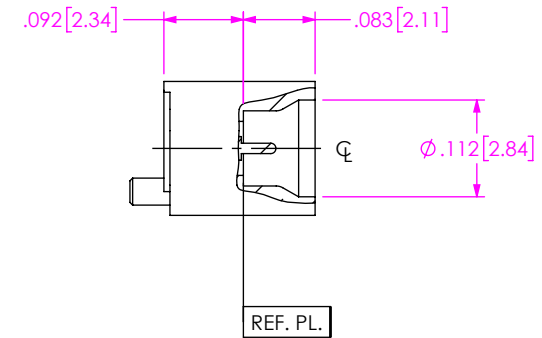
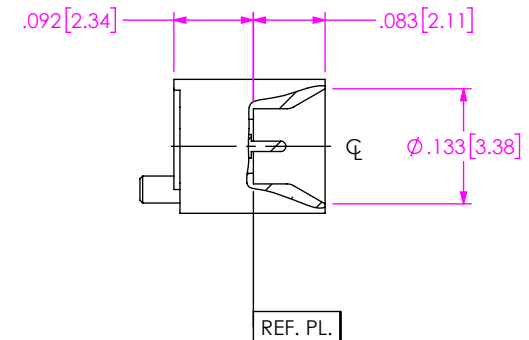


FIG 3
(GPPC-PC-1-08-XX-ST-SL SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)



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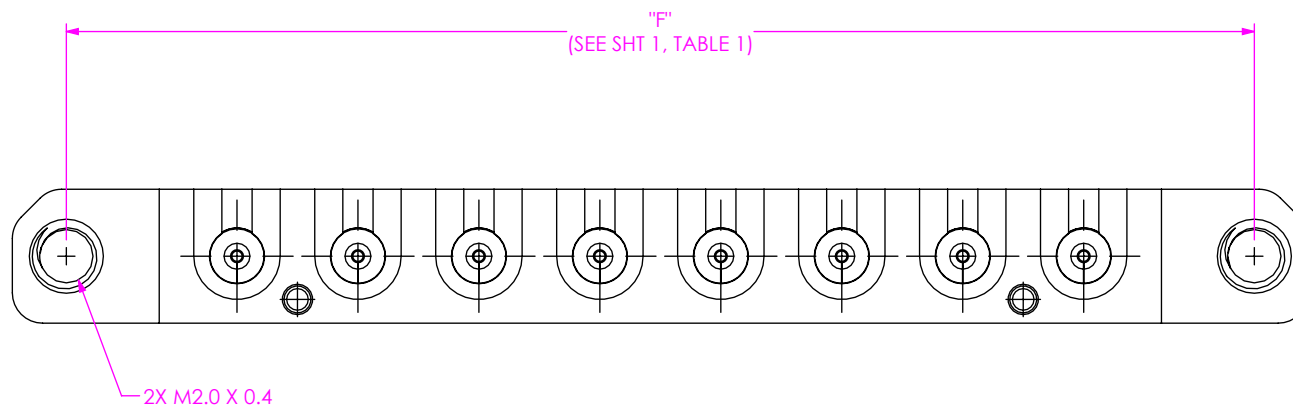


FIG 4
(GPPC-PX-1-08-XX-ST-SL-S SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

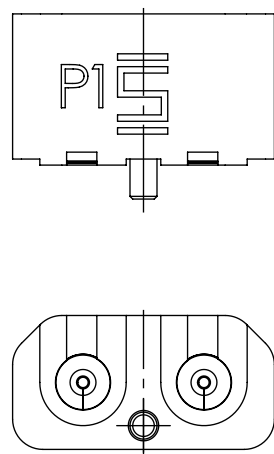


FIG 5
(GPPC-PF-1-02-XX-ST-SL-SL SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

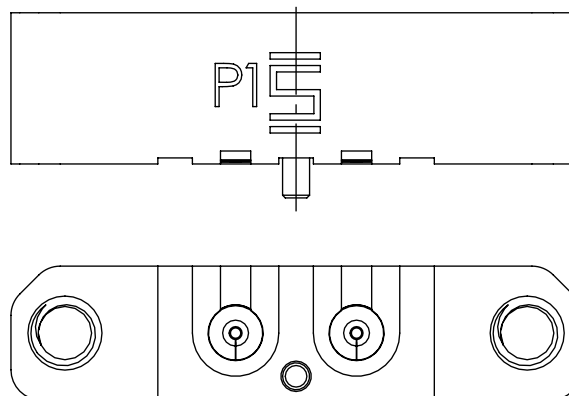
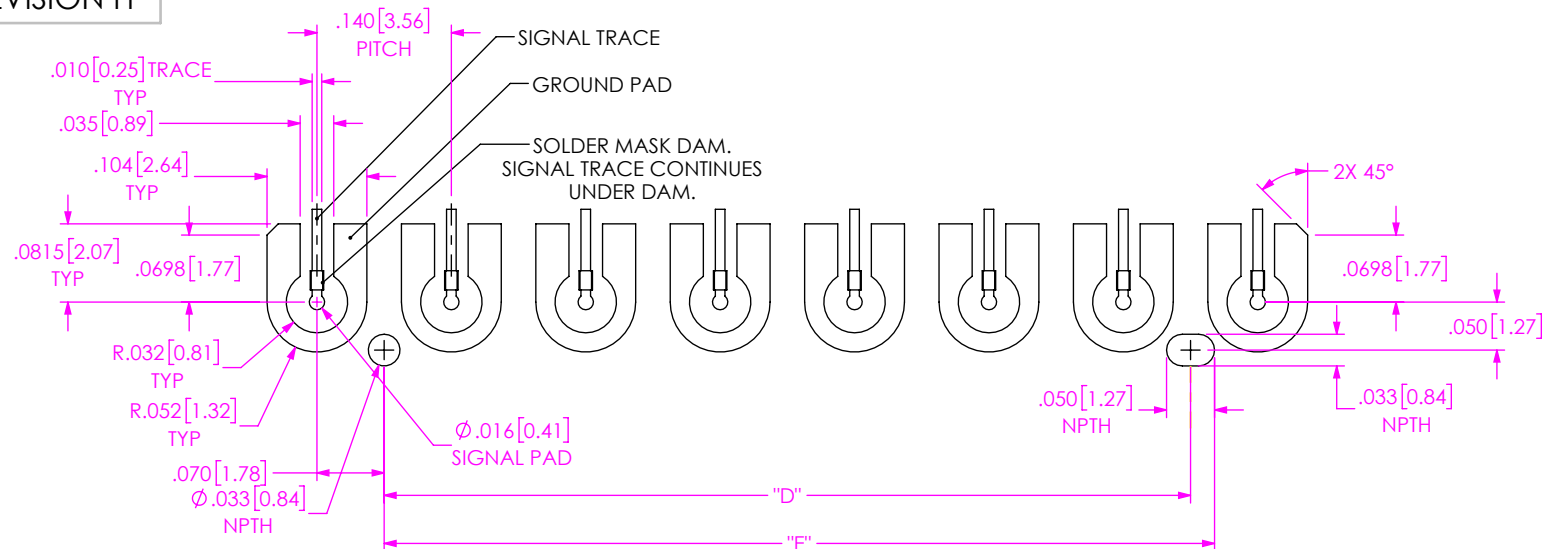


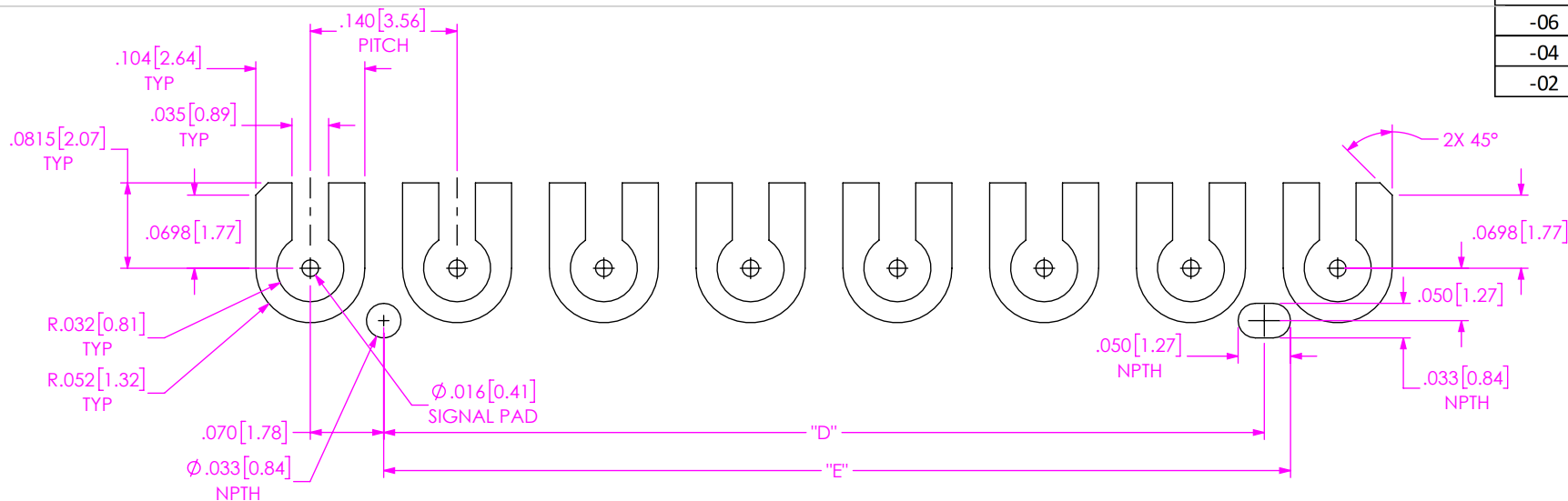
FIG 6
(GPPC-PF-1-02-XX-ST-SL-SL SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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	SHEET 3 OF 8	



**MOUNTING FOOTPRINT FOR SMPM 1X8 .140 PITCH STUB LAUNCH PCB SURFACE MOUNT
(MICROSTRIP APPLICATION)**

TABLE 2			
POS	"D"		"E"
-10	1.120	[28.45]	1.145 [29.08]
-08	.840	[21.34]	.865 [21.97]
-06	.560	[14.22]	.585 [14.86]
-04	.280	[7.11]	.305 [7.75]
-02	N/A		N/A



**MOUNTING FOOTPRINT FOR SMPM 1X8 .140 PITCH STUB LAUNCH PCB SURFACE MOUNT
(STRIPLINE APPLICATION)**

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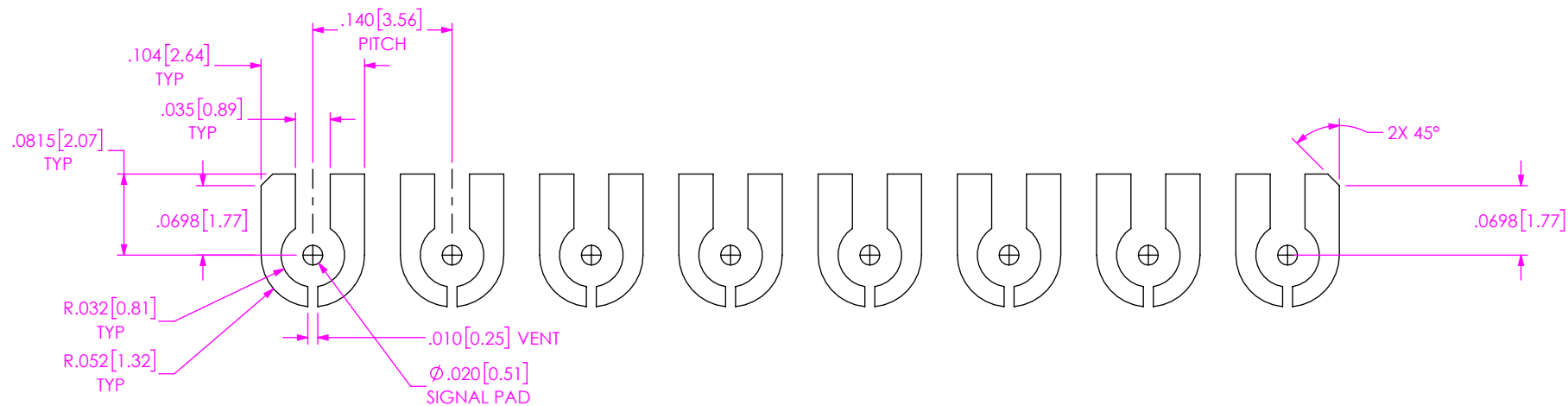
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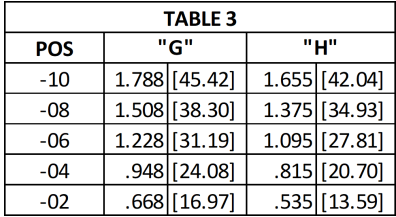
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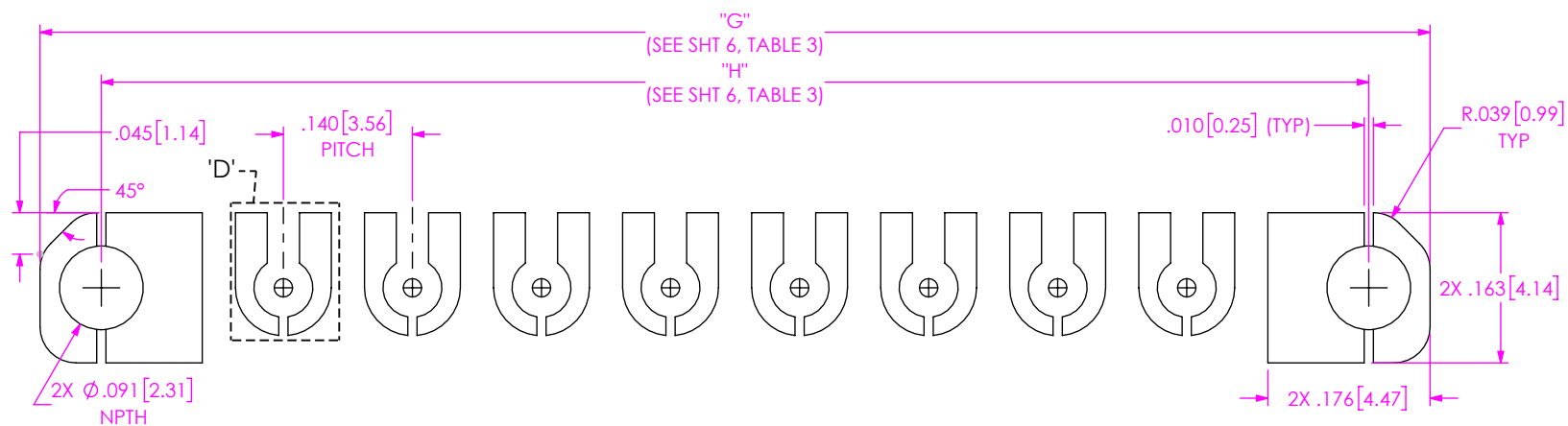
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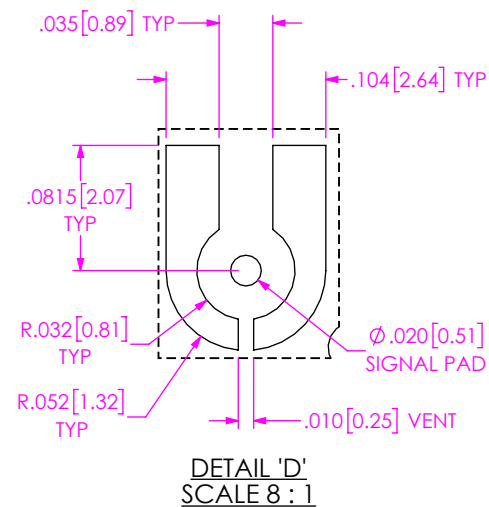
STENCIL FOR SMPM 1X8 .140 PITCH STUB LAUNCH PCB SURFACE MOUNT
(MICROSTRIP & STRIPLINE APPLICATION)

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STENCIL FOR SMPM 1X8 .140 PITCH STUB LAUNCH PCB SURFACE MOUNT WITH SCREW
(MICROSTRIP & STRIPLINE APPLICATION)



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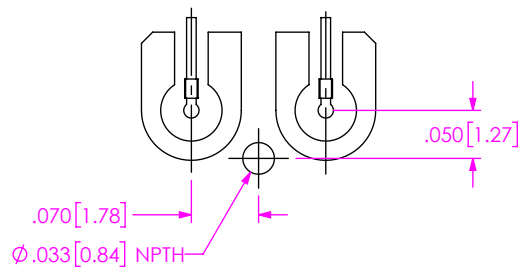
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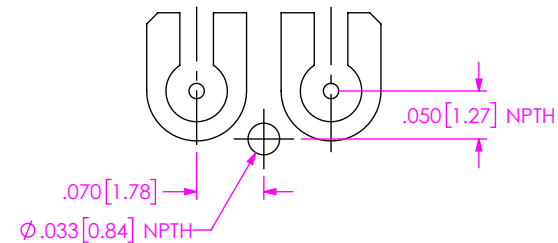
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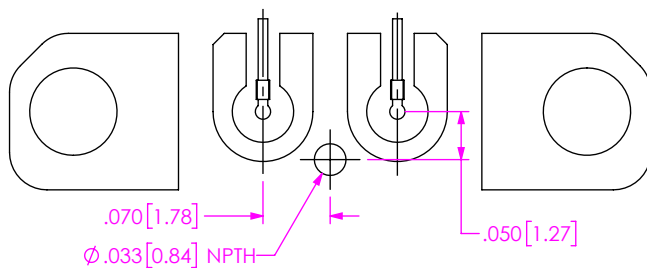
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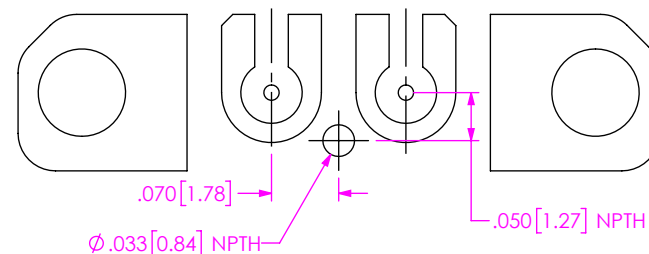
MOUNTING FOOTPRINT FOR SMPM 1X2 .140 PITCH
STUB LAUNCH PCB SURFACE MOUNT
(MICROSTRIP APPLICATION)
 (SAME AS 1X8, EXCEPT AS SHOWN)



MOUNTING FOOTPRINT FOR SMPM 1X2 .140 PITCH
STUB LAUNCH PCB SURFACE MOUNT
(STRIPLINE APPLICATION)
 (SAME AS 1X8, EXCEPT AS SHOWN)



MOUNTING FOOTPRINT FOR SMPM 1X2 .140 PITCH
STUB LAUNCH PCB SURFACE MOUNT WITH SCREW
(MICROSTRIP APPLICATION)
 (SAME AS 1X8, EXCEPT AS SHOWN)



MOUNTING FOOTPRINT FOR SMPM 1X2 .140 PITCH
STUB LAUNCH PCB SURFACE MOUNT WITH SCREW
(STRIPLINE APPLICATION)
 (SAME AS 1X8, EXCEPT AS SHOWN)

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