

DO NOT
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GPPC-XX-X-XX-XX-RA-SM-X-X

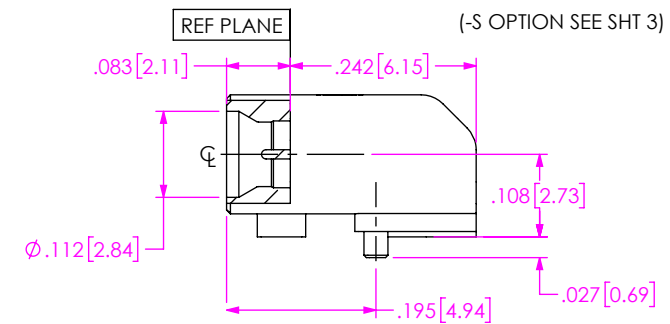
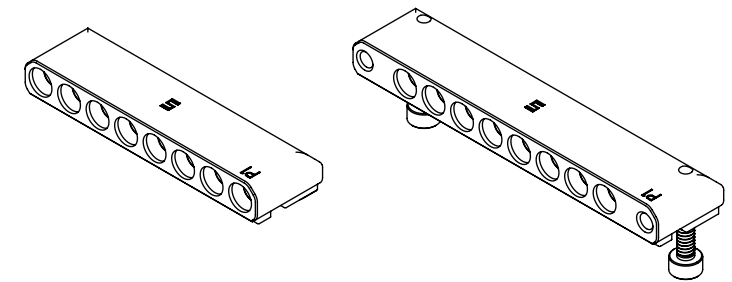
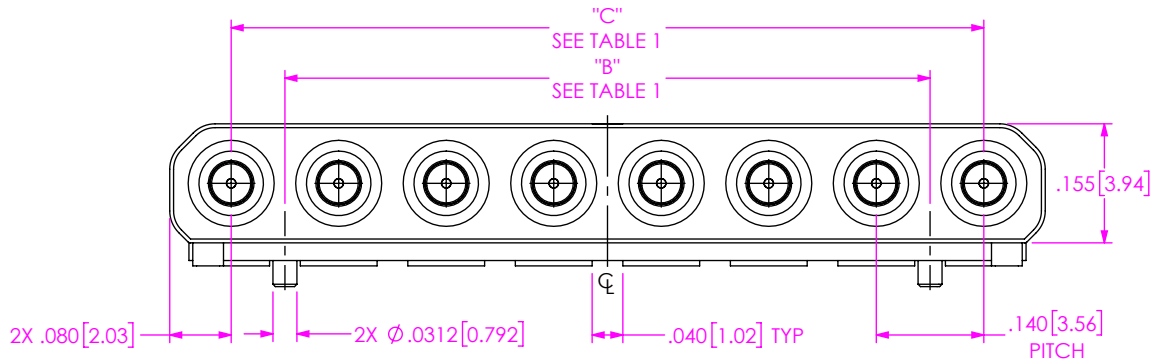
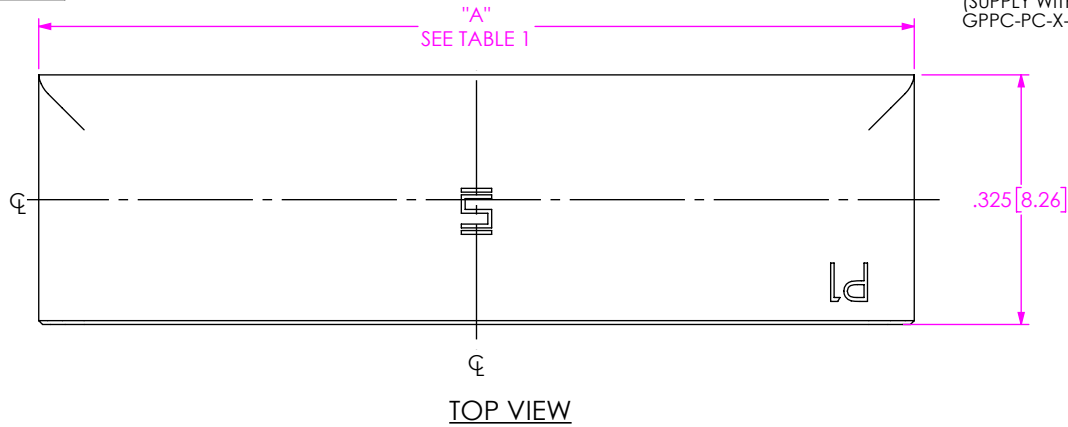
SERIES
-C: CABLEGENDER
-PF: PLUG FULL DETENT
-PS: PLUG SMOOTH BORE
-PC: PLUG CATCHER'S MITT
(SUPPLY WITH
GPPC-PC-X-XX-XX-RA-SM ONLY)No OF ROWS
-1No OF POSITIONS
-02, -04, -06, -08, -10SCREW OPTION
-BLANK: NON-SCREW
-1: FOR PCB THICKNESS .083" TO .103"
-2: FOR PCB THICKNESS .049" TO .069"
-3: FOR PCB THICKNESS .015" TO .035"STYLE OPTION
-BLANK: NON-SCREW
*-S: SCREWTERMINATION
-SM: SURFACE MOUNTORIENTATION
-RA: RIGHT ANGLEFINISH
-EG: 50μ" GOLD CENTER
CONTACT, 10μ"
GOLD OUTER BODY
*= NOT RELEASED

TABLE 1				
OPTION	No OF POSITIONS	"A"	"B"	"C"
BLANK	-02	0.303 [7.70]	N/A	0.140 [3.56]
	-04	0.580 [14.73]	0.280 [7.11]	0.420 [10.67]
	-06	0.860 [21.84]	0.560 [14.22]	0.700 [17.78]
	-08	1.140 [28.96]	0.840 [21.34]	0.980 [24.89]
	-10	1.420 [36.07]	1.120 [28.45]	1.260 [32.00]

NOTES:

- MATERIAL:
BEADS: VICTREX POLYMER.
CONTACT: BERYLLIUM COPPER.
BODY: BRASS ALLOY
SCREW: STAINLESS STEEL
- FINISH:
BODY: GOLD OVER NICKEL PLATE, 10-30μ" MIN GOLD OVER 50-100μ" MIN NICKEL.
CONTACT: GOLD OVER NICKEL PLATE, 50-100μ" MIN GOLD OVER 50-100μ" MIN NICKEL.
BOARD SIDE OF CONTACT IS PRE-TINNED WITH SAC 305 SOLDER.
- LEAD FREE SOLDER PROCESSING ONLY.

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SHEET SCALE: 4:1

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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:
GANGED SMPM SURFACE MOUNT, .140 PITCH
DWG. NO.
GPPC-XX-X-XX-XX-RA-SM-X-X

BY: MATT M. 11/30/2022 SHEET 1 OF 7

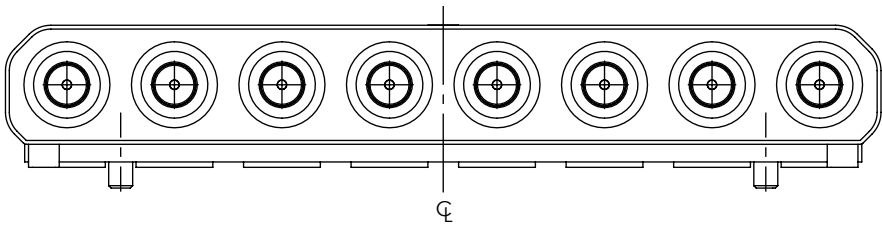


FIG 2, FRONT VIEW
(GPPC-PS-1-08-XX-RA-SM SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

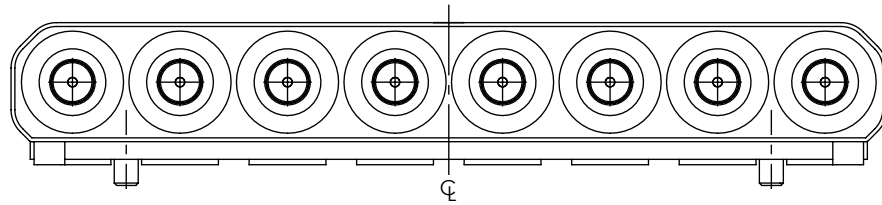
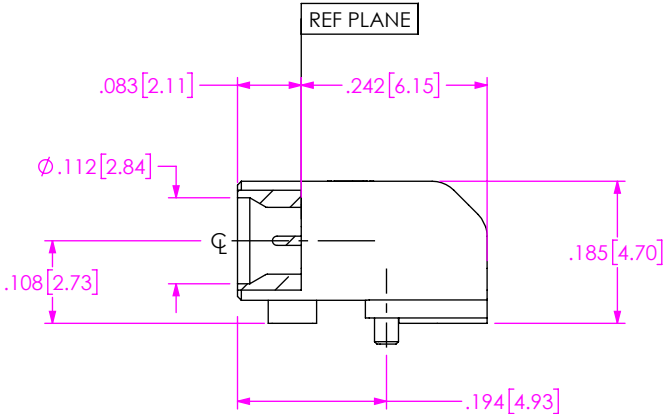
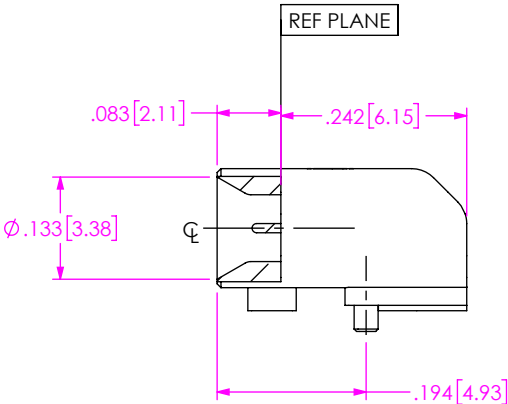


FIG 3, FRONT VIEW
(GPPC-PC-1-08-XX-RA-SM SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)



SIDE VIEW



SIDE VIEW

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DO NOT SCALE DRAWING	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322
	DESCRIPTION: GANGED SMPM SURFACE MOUNT, .140 PITCH
	DWG. NO. GPPC-XX-X-XX-XX-RA-SM-X-X
SHEET SCALE: 4.5:1	BY: MATT M. 11/30/2022 SHEET 2 OF 7

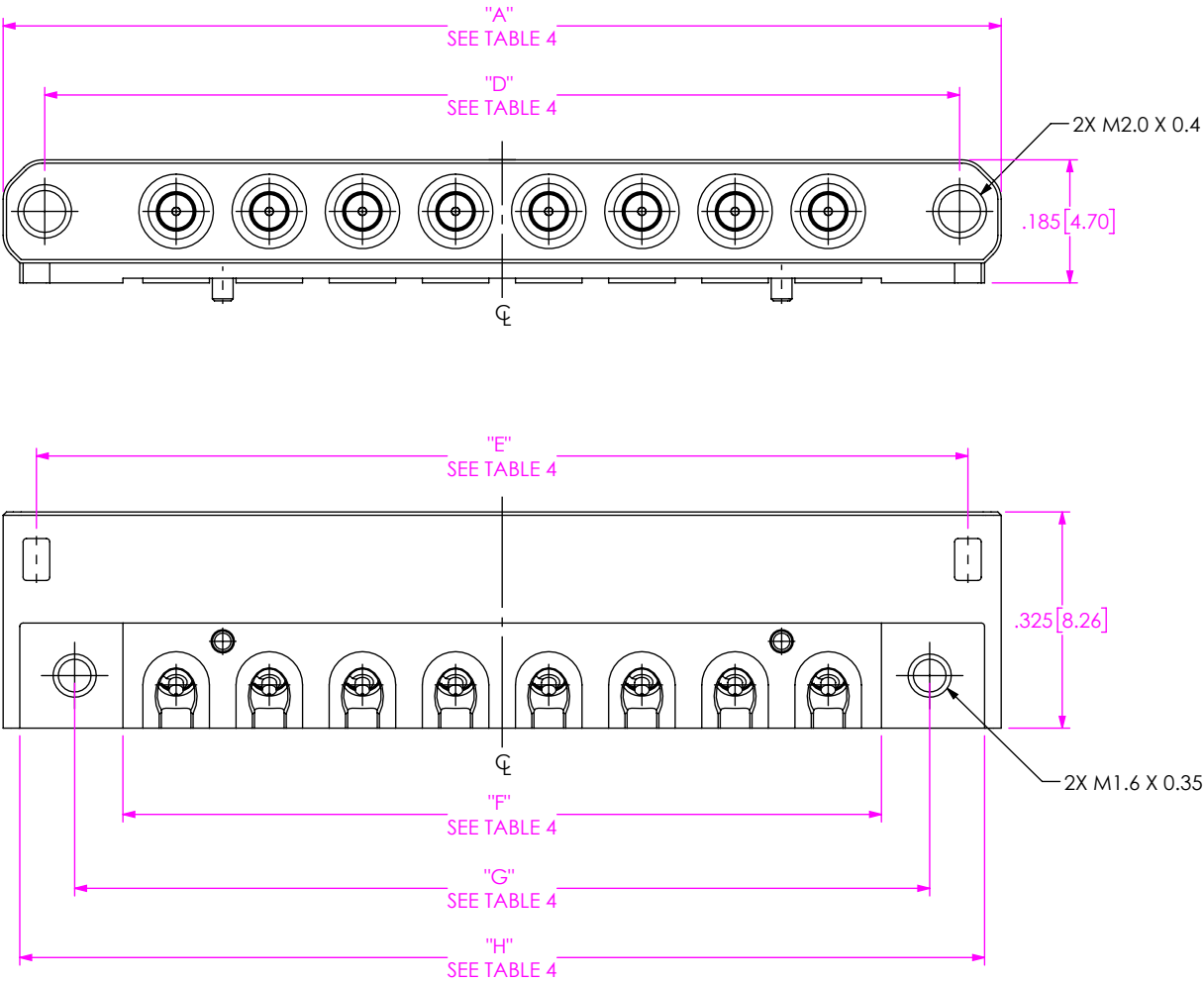


FIG 4
(GPPC-PF-1-08-XX-RA-SM-S-X SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 4							
OPTION	No OF POSITIONS	"A"	"D"	"E"	"F"	"G"	"H"
S	-02	0.663 [16.84]	0.538 [13.67]	0.560 [14.22]	0.300 [7.62]	0.448 [11.38]	0.613 [15.57]
	-04	0.940 [23.88]	0.815 [20.70]	0.840 [21.34]	0.580 [14.73]	0.725 [18.42]	0.890 [22.61]
	-06	1.220 [30.99]	1.095 [27.81]	1.120 [28.45]	0.860 [21.84]	1.005 [25.53]	1.170 [29.72]
	-08	1.500 [38.10]	1.375 [34.93]	1.400 [35.56]	1.140 [28.96]	1.285 [32.64]	1.450 [36.83]
	-10	1.780 [45.21]	1.655 [42.04]	1.680 [42.67]	1.420 [36.07]	1.565 [39.75]	1.730 [43.94]

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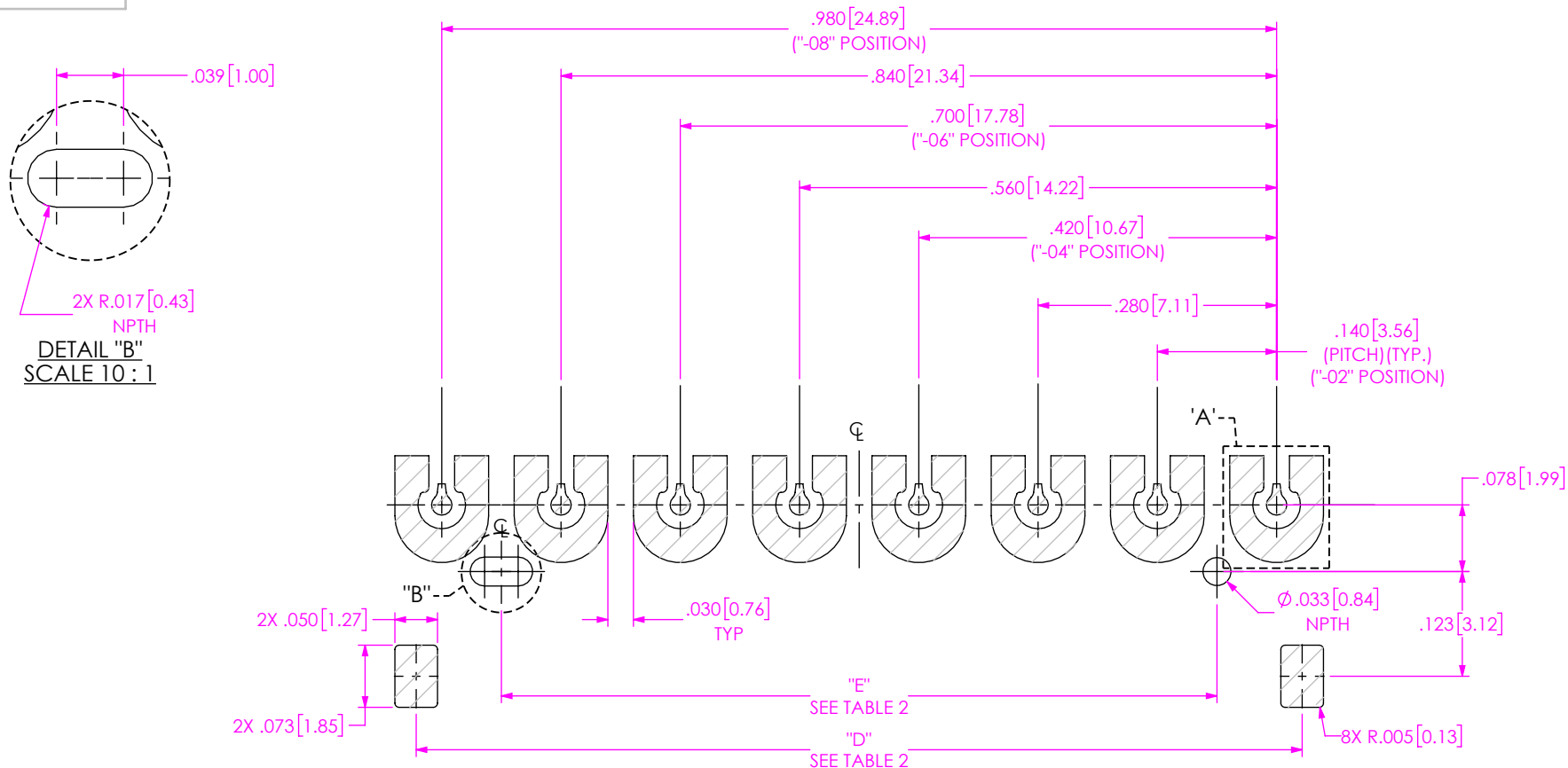
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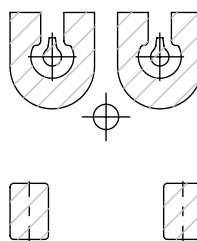


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DWG. NO.
GPPC-XX-X-XX-XX-RA-SM-X-X
BY: MATT M. 11/30/2022 SHEET 3 OF 7

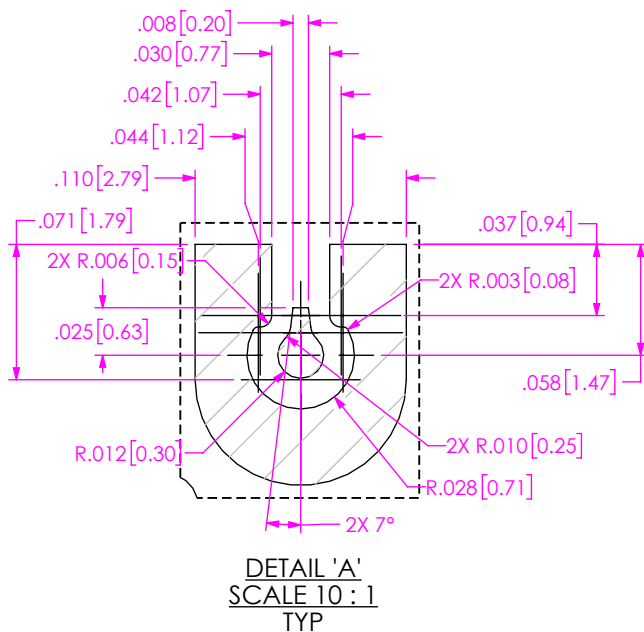


RECOMMENDED FOOTPRINT
(GPPC-XX-1-08-XX-RA-SM SHOWN)



RECOMMENDED "-02" FOOTPRINT
(GPPC-XX-1-02-XX-RA-SM SHOWN)
(SAME AS ABOVE FOOTPRINT UNLESS OTHERWISE SHOWN.)

TABLE 2			
OPTION	No OF POSITIONS	"D"	"E"
BLANK	-02	0.200 [5.08]	N/A
	-04	0.480 [12.19]	0.280 [7.11]
	-06	0.760 [19.30]	0.560 [14.22]
	-08	1.040 [26.42]	0.840 [21.34]
	-10	1.320 [33.53]	1.120 [28.45]



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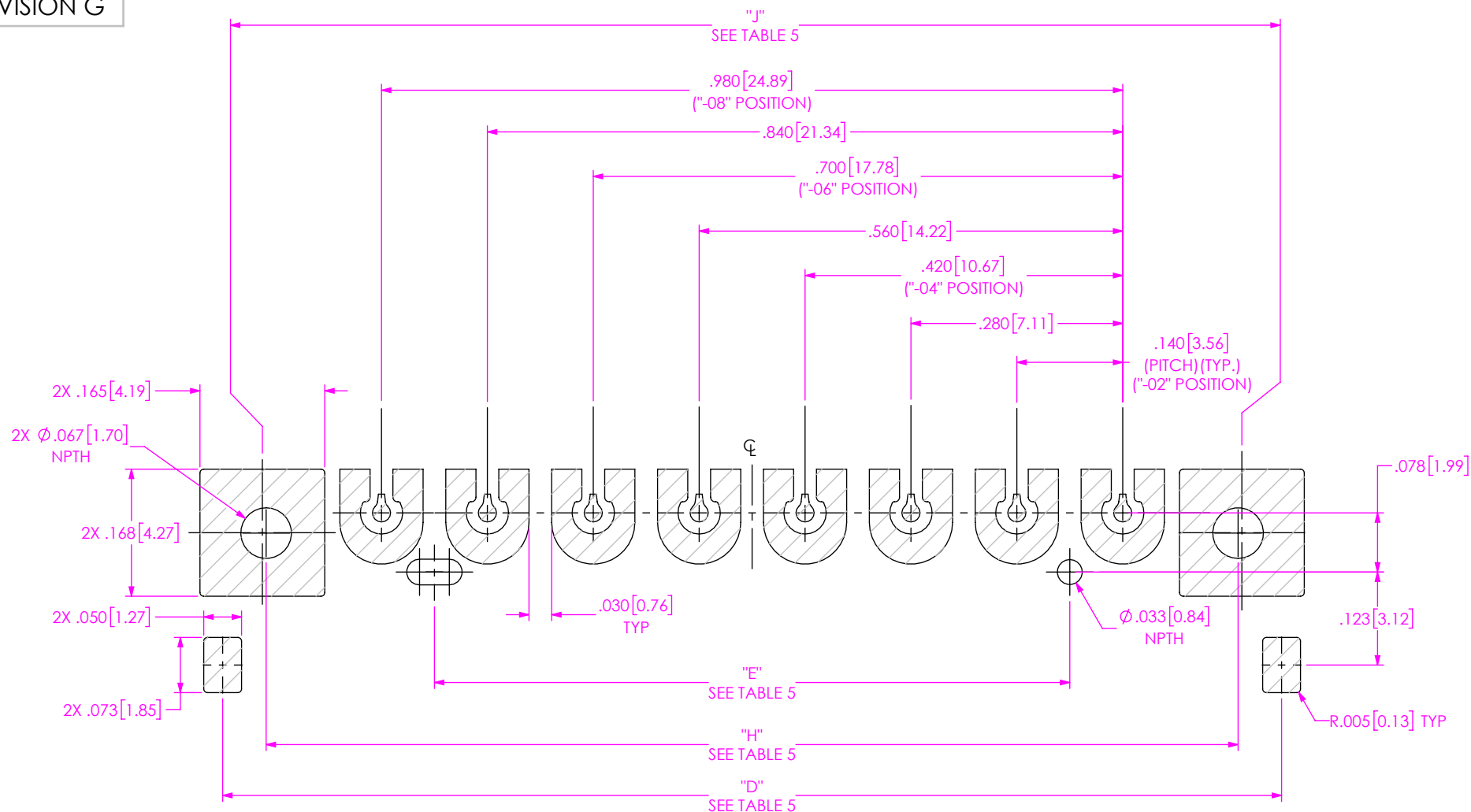
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DWG. NO.

GPPC-XX-X-XX-XX-RA-SM-X-X

BY: MATT M. 11/30/2022 SHEET 4 OF 7



RECOMMENDED FOOTPRINT
(GPPC-XX-1-08-XX-RA-SM-S-X SHOWN)
(SAME AS GPPC-XX-1-08-XX-RA-SM FOOTPRINT
UNLESS OTHERWISE SHOWN.)

TABLE 5

OPTION	No OF POSITIONS	"D"	"E"	"H"	"J"
SCREW	-02	0.560 [14.22]	N/A	0.448 [11.38]	0.458 [11.63]
	-04	0.840 [21.34]	0.280 [7.11]	0.725 [18.42]	0.735 [18.67]
	-06	1.120 [28.45]	0.560 [14.22]	1.005 [25.53]	1.015 [25.78]
	-08	1.400 [35.56]	0.840 [21.34]	1.285 [32.64]	1.295 [32.89]
	-10	1.680 [42.67]	1.120 [28.45]	1.565 [39.75]	1.575 [40.01]

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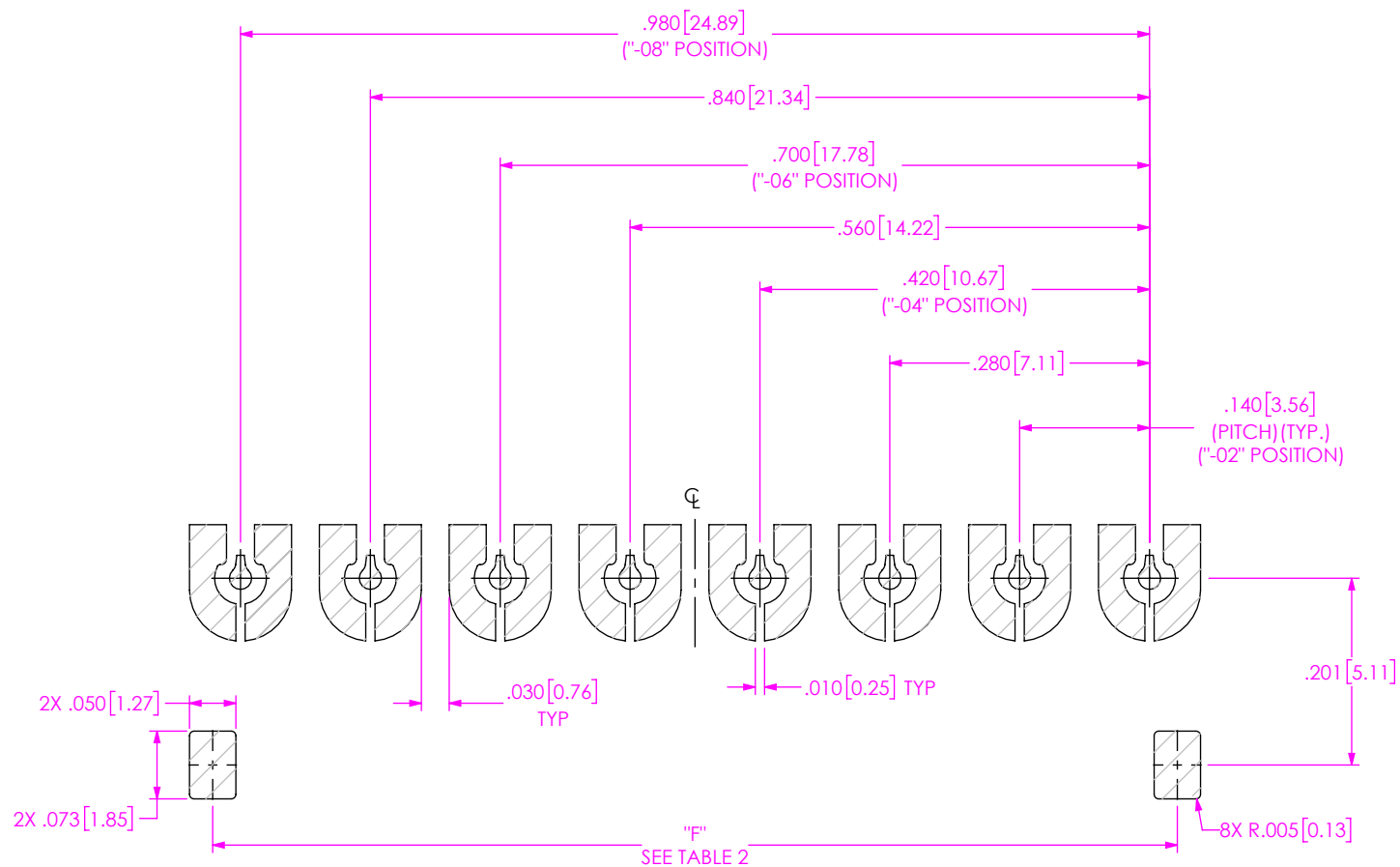
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GPPC-XX-X-XX-XX-RA-SM-X-X

BY: MATT M. 11/30/2022 SHEET 5 OF 7



RECOMMENDED STENCIL
(GPPC-XX-1-XX-XX-RA-SM SHOWN)
(RECOMMENDED .006" STENCIL THICKNESS)

TABLE 3

OPTION	No OF POSITIONS	"F"	"G"
BLANK	-02	0.200 [5.08]	N/A
	-04	0.480 [12.19]	0.280 [7.11]
	-06	0.760 [19.30]	0.560 [14.22]
	-08	1.040 [26.42]	0.840 [21.34]
	-10	1.320 [33.53]	1.120 [28.45]

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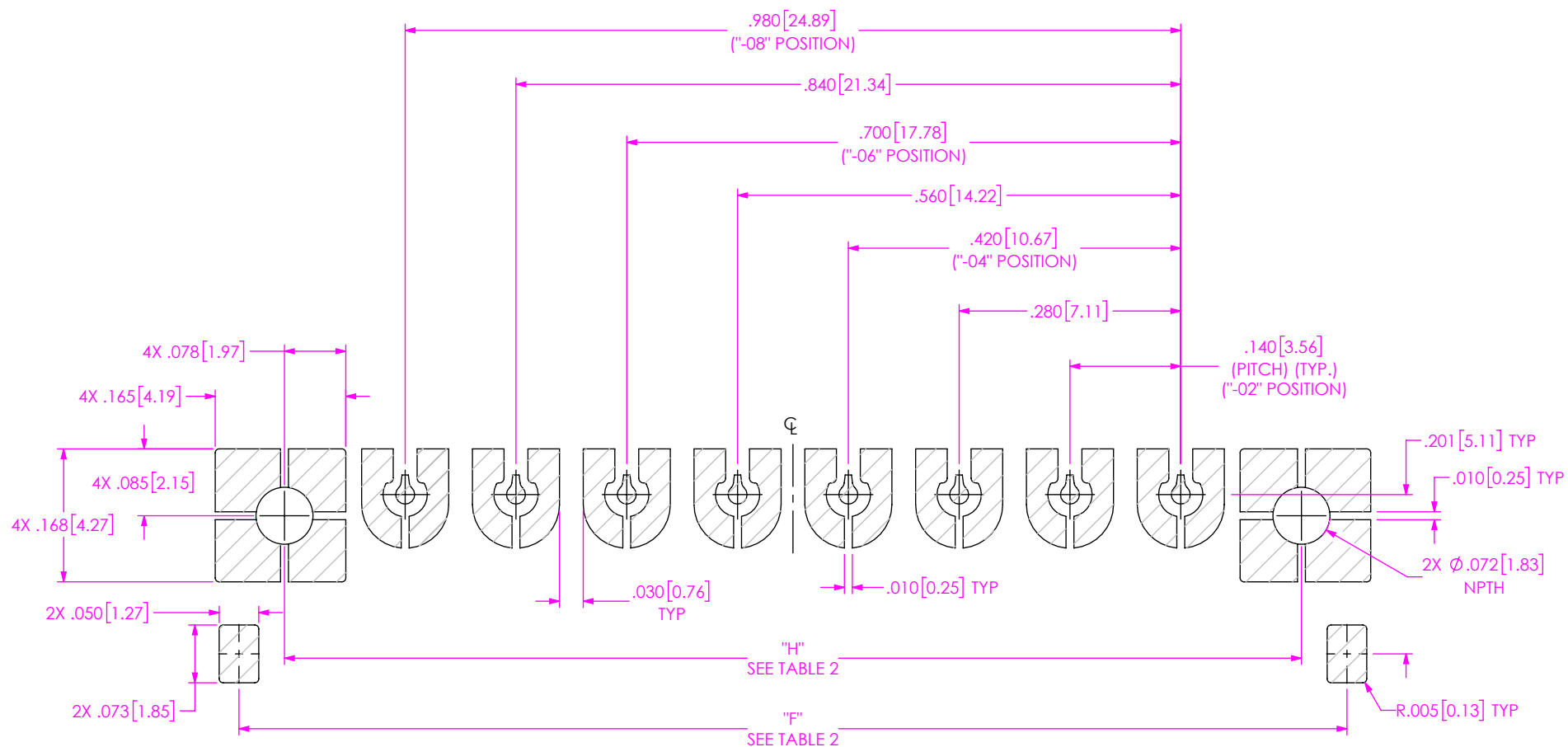
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GANGED SMPM SURFACE MOUNT, .140 PITCH

DWG. NO. GPPC-XX-X-XX-XX-RA-SM-X-X

BY: MATT M.	11/30/2022	SHEET 6 OF 7
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RECOMMENDED STENCIL
(GPPC-XX-1-XX-XX-RA-SM-S-X SHOWN)
(RECOMMENDED .006" STENCIL THICKNESS)

OPTION	No OF POSITIONS	"F"	"H"
SCREW	-02	0.200 [5.08]	0.448 [11.38]
	-04	0.480 [12.19]	0.725 [18.42]
	-06	0.760 [19.30]	1.005 [25.53]
	-08	1.040 [26.42]	1.285 [32.64]
	-10	1.320 [33.53]	1.565 [39.75]

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BY: MATT M.	11/30/2022	SHEET 7 OF 7
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