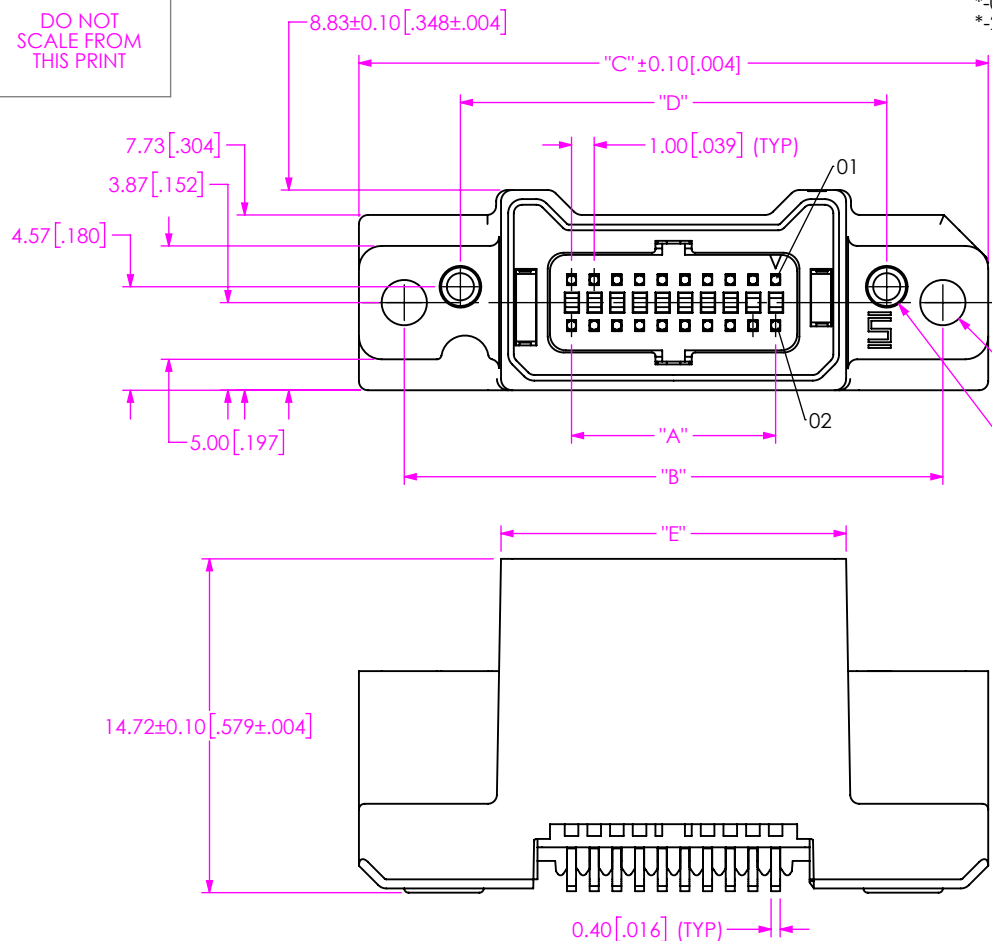


DO NOT
SCALE FROM
THIS PRINT

P1M-XX-XX-XXX-DV-X-X-XR

No OF POSITIONS (PER ROW)

*-04, *-05, *-07, -10, -15,
*-20, -25, -30, *-40

LEAD STYLE

-01: SURFACE MOUNT
-02: THROUGH HOLE, 1.57 PCB
-03: THROUGH HOLE, 2.36 PCB

PLATING SPECIFICATION

-STL: 30μ" Au IN CONTACT AREA,
Sn/Pb ON TAIL
-S: 30μ" Au IN CONTACT AREA,
MATTE TIN ON TAIL

(*= NOT TOOLED)

TAPE & REEL (SEE NOTES 2 & 3)

-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

PICK AND PLACE OPTION

(LEAVE BLANK FOR NO PAD)
-K: POLYAMIDE FILM (SEE FIG 3, SHT 2)

PIN LENGTH

(LEAVE BLANK FOR STANDARD)
*-H: HOT SWAP

ROW SPECIFICATION

-DV: DOUBLE VERTICAL

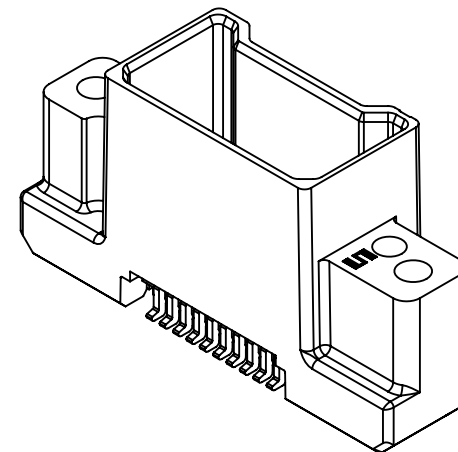


FIG 1

P1M-10-01-XXX-DV-X-X-XR SHOWN

TABLE 1

No. OF POS	"A"	"B"	"C"	"D"	"E"
-04	3.00 [.118]	17.75 [.699]	21.75 [.856]	12.80 [.504]	9.22 [.363]
-05	4.00 [.157]	18.75 [.738]	22.75 [.896]	13.80 [.543]	10.22 [.402]
-07	6.00 [.236]	20.75 [.817]	24.75 [.974]	15.80 [.622]	12.22 [.481]
-10	9.00 [.354]	23.75 [.935]	27.75 [1.093]	18.80 [.740]	15.22 [.599]
-15	14.00 [.551]	28.75 [1.132]	32.75 [1.289]	23.80 [.937]	20.22 [.796]
-20	19.00 [.748]	33.75 [1.329]	37.75 [1.486]	28.80 [1.134]	25.22 [.993]
-25	24.00 [.945]	38.75 [1.526]	42.75 [1.683]	33.80 [1.331]	30.22 [1.190]
-30	29.00 [1.142]	43.75 [1.722]	47.75 [1.880]	38.80 [1.528]	35.22 [1.387]
-40	39.00 [1.535]	53.75 [2.116]	57.75 [2.274]	48.80 [1.921]	45.22 [1.780]

NOTES:

1. MINIMUM PUSHOUT FORCE: 2.22 N [.5 LB.]
2. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS [SPES] FOUND ON WWW.SAMTEC.COM.
3. ATTACH LABEL-4X2 TO EACH REEL.
4. M1.2 (SS): 0.33 IN-LB (STANDARD T-TORQUE).
5. M2.0 (SS): 1.56 IN-LB (STANDARD T-TORQUE).
6. REDUCE TO 0.5T (50% TORQUE) FOR SOFT BASE MATERIALS (E.G., PLASTIC, ALUMINUM) OR LOW-STRENGTH FASTENERS.

F:\DWG\SW\Exisprod\Assembly\1mm\P1M-XX-XX-XXX-DV-X-X-XR.SLDDRW

* PROPRIETARY NOTE *

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MATERIAL:
INSULATOR: LCP
TERMINAL: COPPER ALLOY
SHIELD: ZINC ALLOY

DO NOT SCALE DRAWING
SHEET SCALE: 3:1

DESCRIPTION:

samtec520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DWG. NO.

P1M-XX-XX-XXX-DV-X-X-XR

BY: EVE L

12/02/2021

SHEET 1 OF 3

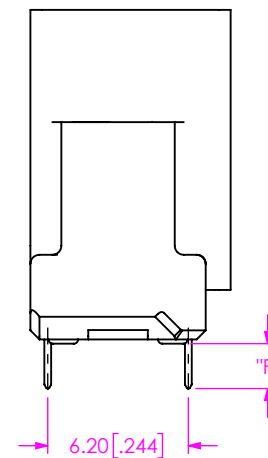
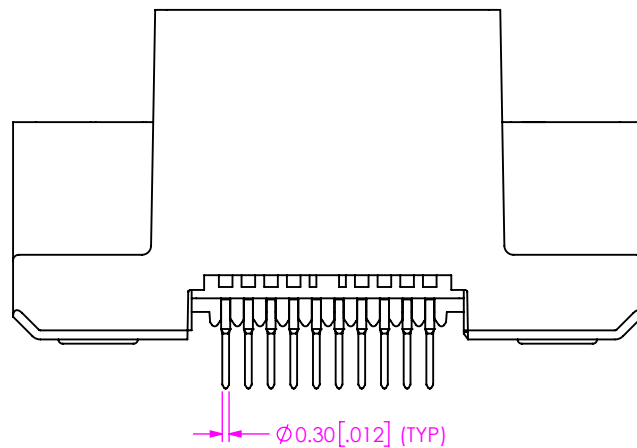


FIG 2
P1M-10-02-XXX-DV-X-XR SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

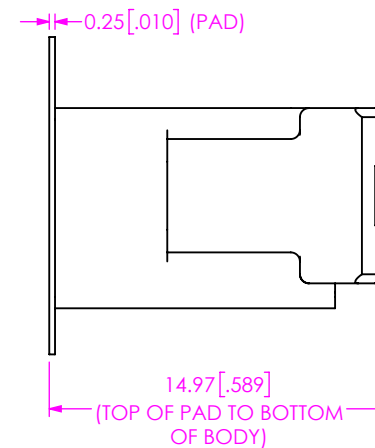
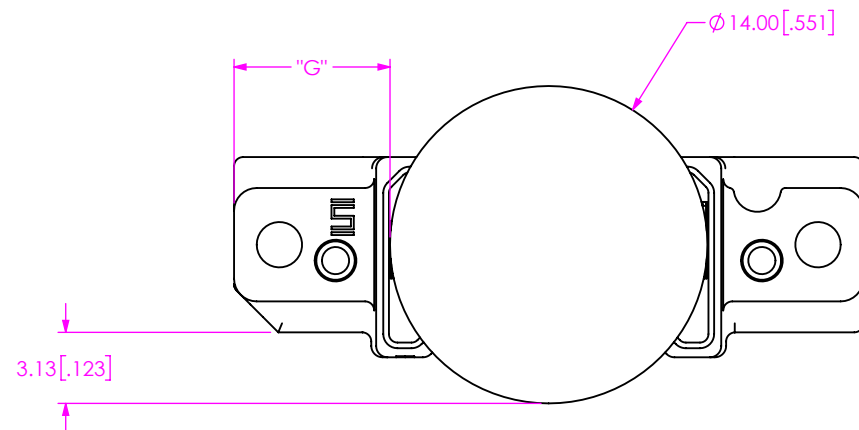


FIG 3
P1M-10-01-XXX-DV-X-K-XR SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:1
DO NOT SCALE DRAWING

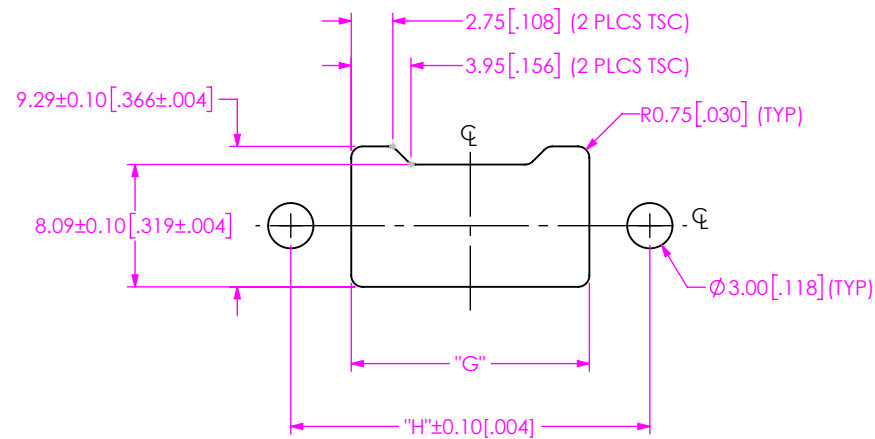
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
1.00MM P1M -DV ASSEMBLY

DWG. NO.
P1M-XX-XX-XXX-DV-X-X-XR

BY: EVE L 12/02/2021 SHEET 2 OF 3



RECOMMENDED PANEL CUTOUT

TABLE 2		
No. OF POS	"G"	"H"
-04	9.75 [0.384]	17.75 [0.699]
-05	10.75 [0.423]	18.75 [0.738]
-07	12.75 [0.502]	20.75 [0.817]
-10	15.75 [0.620]	23.75 [0.935]
-15	20.75 [0.817]	28.75 [1.132]
-20	25.75 [1.014]	33.75 [1.329]
-25	30.75 [1.211]	38.75 [1.526]
-30	35.75 [1.407]	43.75 [1.722]
-40	45.75 [1.801]	53.75 [2.116]

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 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
 1.00MM P1M -DV ASSEMBLY

DWG. NO.
 P1M-XX-XX-XXX-DV-X-X-XR

BY: EVE L 12/02/2021 SHEET 3 OF 3