

DO NOT
SCALE FROM
THIS PRINT

TABLE 1					
No. OF POS	"A"	"B"	"C"	"D"	"E"
-04	3.00 [0.118]	9.39 [0.370]	17.75 [0.699]	21.75 [0.856]	12.80 [0.504]
-05	4.00 [0.157]	10.39 [0.409]	18.75 [0.738]	22.75 [0.896]	13.80 [0.543]
-07	6.00 [0.236]	12.39 [0.488]	20.75 [0.817]	24.75 [0.974]	15.80 [0.622]
-10	9.00 [0.354]	15.39 [0.606]	23.75 [0.935]	27.75 [1.093]	18.80 [0.740]
-15	14.00 [0.551]	20.39 [0.803]	28.75 [1.132]	32.75 [1.289]	23.80 [0.937]
-20	19.00 [0.748]	25.39 [1.000]	33.75 [1.327]	37.75 [1.486]	28.80 [1.134]
-25	24.00 [0.945]	30.39 [1.196]	38.75 [1.526]	42.75 [1.683]	33.80 [1.331]
-30	29.00 [1.142]	35.39 [1.393]	43.75 [1.722]	47.75 [1.880]	38.80 [1.528]
-40	39.00 [1.535]	45.39 [1.787]	53.75 [2.116]	57.75 [2.274]	48.80 [1.921]

NO OF POSITIONS

*-04, *-05, *-07, *-10, *-15,
*-20, *-25, *-30, *-40
(PER ROW)

LEAD STYLE

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

TAPE & REEL

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

PIN LENGTH

(LEAVE BLANK FOR STANDARD)
*H: HOT SWAP

RIGHT ANGLE

ROW SPECIFICATION

-D: DOUBLE (USE BODY-XX-D)

PLATING SPECIFICATION

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

(* = NOT TOOLED)

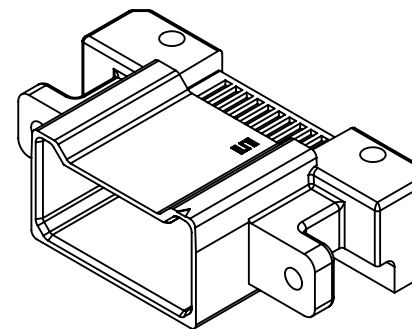
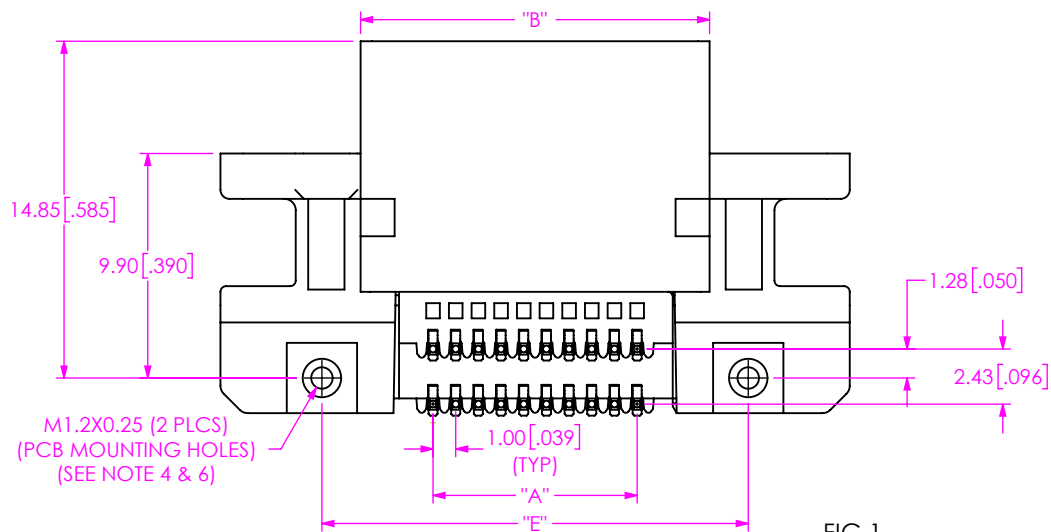
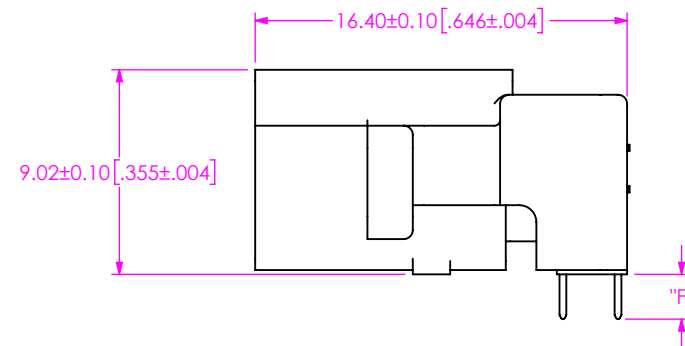
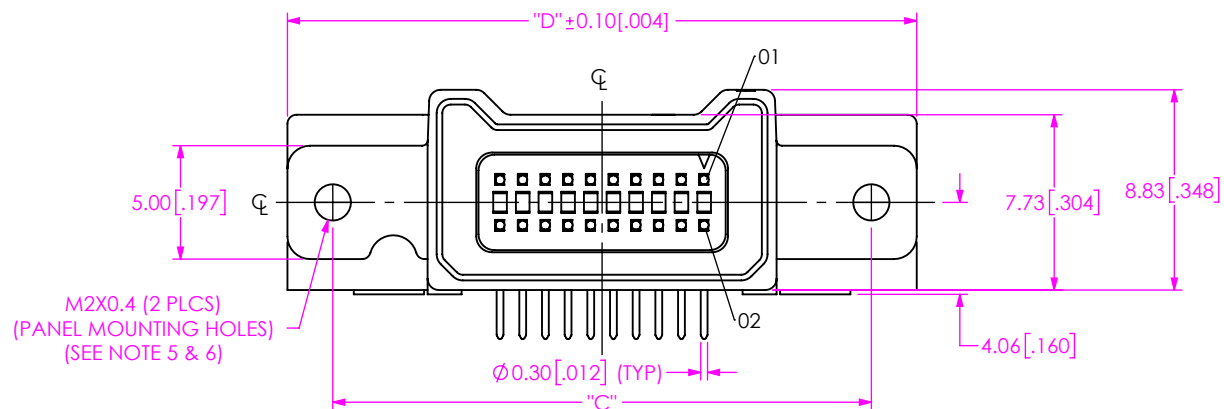


TABLE 2	
LEAD STYLE	"F"
-02	1.98 [0.078]
-03	2.82 [0.109]

ISO VIEW

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

NOTES:

1. MINIMUM PUSHOUT FORCE: 2.22N [.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.

FIG 1
P1M-10-02-XXX-D-RA-XR SHOWN

PROPRIETARY NOTE

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DO NOT SCALE DRAWING
SHEET SCALE: 1:2
MATERIAL:
INSULATOR: LCP, COLOR: BLACK
TERMINAL: COPPER ALLOY
SHIELD: ZINC ALLOY, PLATING: NICKEL

DESCRIPTION:
1.00MM PITCH -RA PIN ASSEMBLY

DWG. NO.
P1M-XX-XX-XXX-D-RA-X-XX

BY: G. DETHY 03/18/2021 SHEET 1 OF 2

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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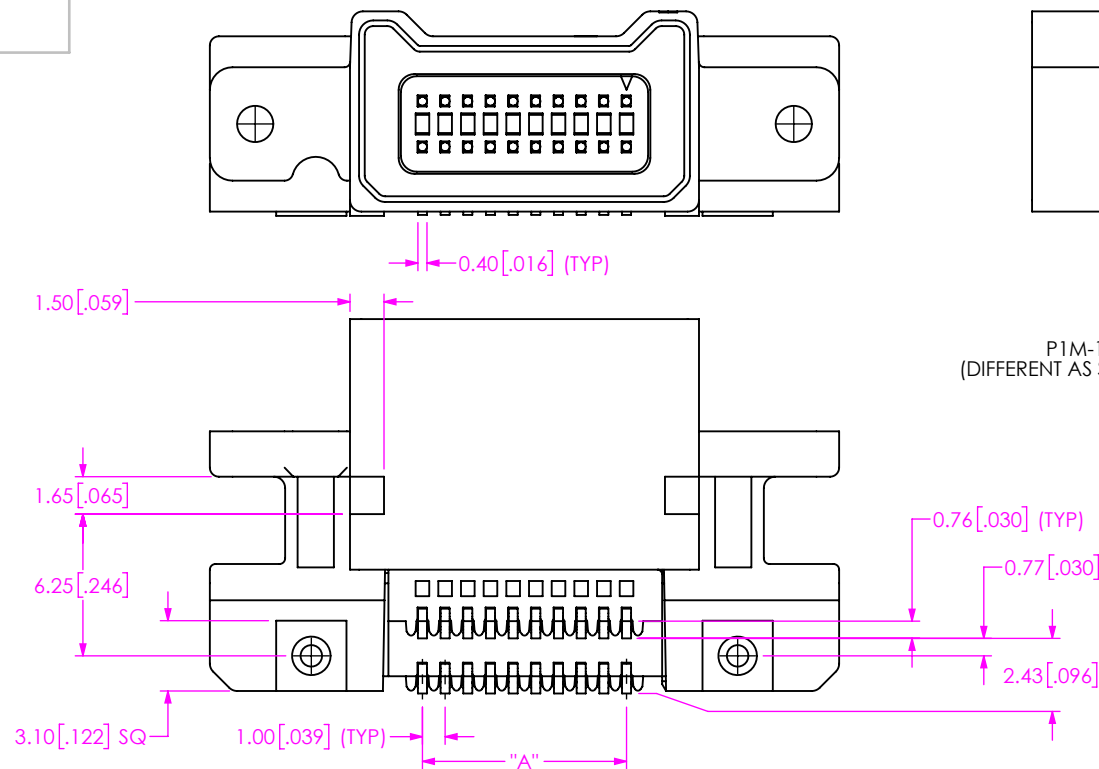
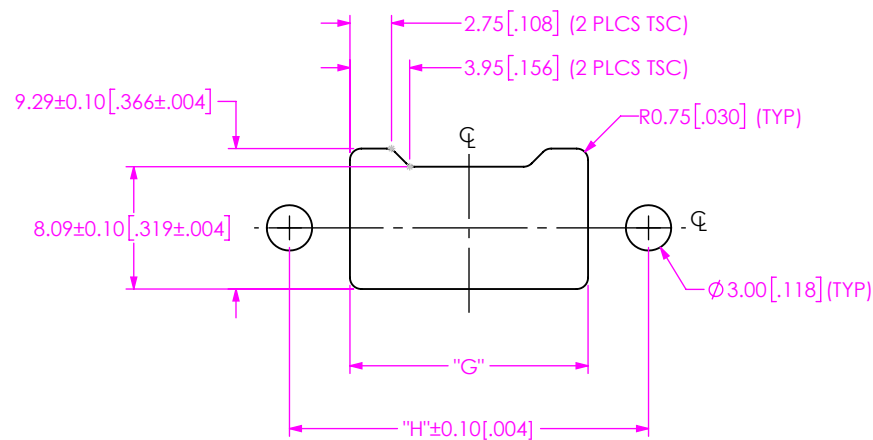


FIG 2
P1M-10-01-XXX-D-RA-XR SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



RECOMMENDED PANEL CUTOUT

TABLE 3		
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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SHEET SCALE: 1:2
DO NOT SCALE DRAWING

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
1.00MM PITCH -RA PIN ASSEMBLY

DWG. NO.
P1M-XX-XX-XXX-D-RA-X-XR

BY: G. DETHY 03/18/2021 SHEET 2 OF 2