

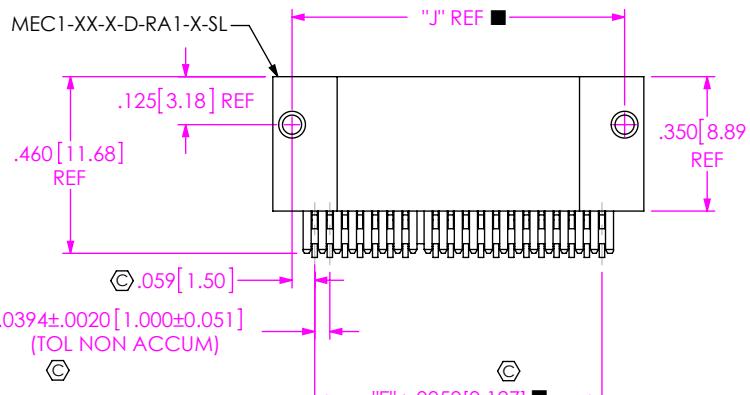
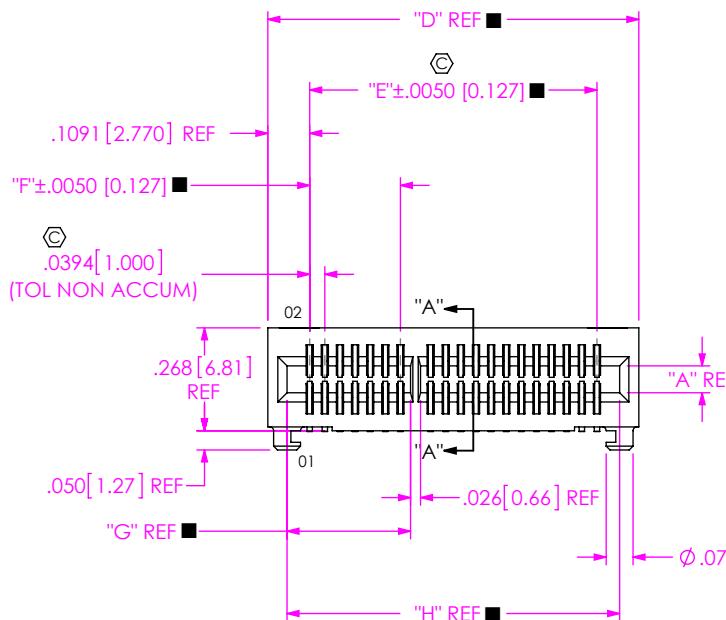
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FIG. 1
MEC1-120-02-XX-D-RA1-SL SHOWN
■ = SEE TABLE 3, SHT 2

MEC1-1XX-XX-XX-D-RAX-XX-SL-XX

NO OF POSITIONS

-05, -08, -20, -30, -40, -50 (SEE FIG 1)
-60 & -70 (SEE FIG 2, SHT 3)
(PER ROW)

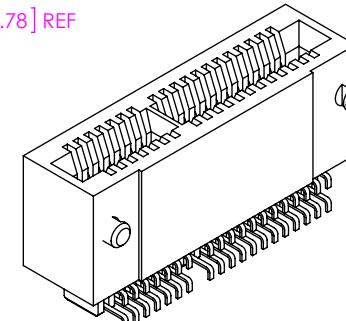
CARD THICKNESS

*-01: .031 THICK CARD
(USE MEC1-XX-X-D-RAX-X-SL)
(SEE NOTE 9)
-02: .062 THICK CARD
(USE MEC1-XX-S-D-RAX-X-SL)
(SEE NOTE 9)

PLATING

-F: 3μ" FLASH GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-L: 10μ" LIGHT GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-FM: 3μ" FLASH GOLD IN CONACT AREA,
MATTE ON TIN TAIL
-LM: 10μ" LIGHT IN CONTACT AREA,
MATTE TIN ON TAIL
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL

* = FOR EXISTING CUSTOMERS ONLY



NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: .004[0.10]
3. MINIMUM PUSHOUT FORCE: .5 LB
4. TAIL OPTION -RA1 TO HAVE C-150-01-XX-X CONTACT FULLY PRE-FORMED.
5. BODIES TO BE LAYER PACKAGED FOR TRANSIT BETWEEN INVENTORY AND PRODUCTION.
6. TO BE MEASURED AT 2 MAIN 90° BENDS.
7. MEASURE FIRST AND LAST PIN OF EACH ROW.
8. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED.
FOR QUANTITIES OF 50-124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.
9. MATING EDGE CARD THICKNESS TOLERANCE TO BE ±10% OF NOMINAL FOR -01; ±7.5% FOR -02.
10. NOTE DELETED.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING
FLAMMABILITY RATING: UL 94V-0

SHEET SCALE: 2:1

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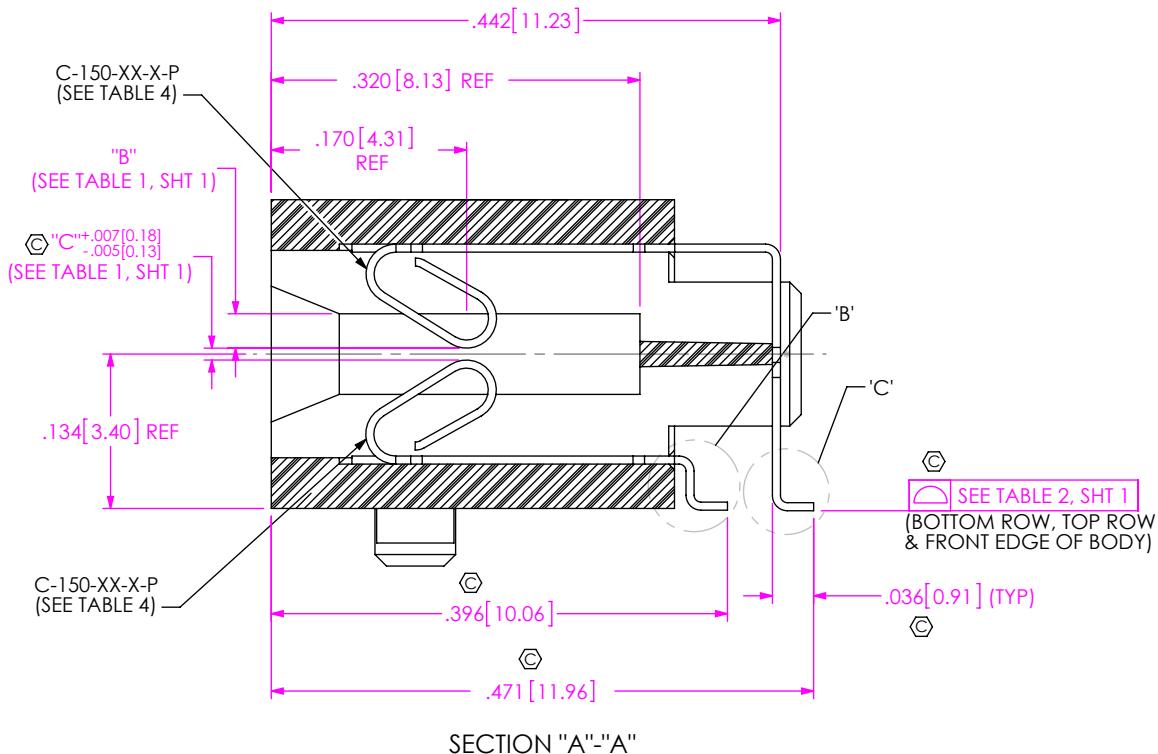
DESCRIPTION: 1mm MEC1 -RA ASSEMBLY

DWG. NO. MEC1-1XX-XX-XX-D-RAX-XX-SL-XX

BY: MARKS 01/25/00 SHEET 1 OF 5

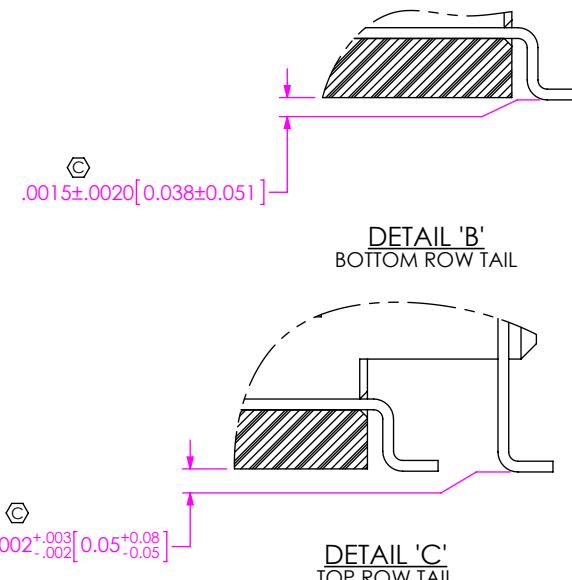
TABLE 3

NO OF POSITIONS	POLARIZED POSITIONS	"D"	"E"	"F"	"G"	"H"	"J"
-05	3 & 4	.3756 [9.540]	.1575 [4.000]	N/A	.0854 [2.169]	.275 [6.99]	.2756 [7.000]
-08	5 & 6	.4937 [12.540]	.2756 [7.000]	.0394 [1.001]	.1248 [3.170]	.394 [10.01]	.3937 [10.000]
-20	15 & 16	.9661 [24.540]	.7480 [19.000]	.2362 [5.999]	.3216 [8.169]	.866 [22.00]	.8661 [22.000]
-30	21 & 22	1.3598 [34.540]	1.1417 [29.000]	.3543 [8.999]	.4398 [11.171]	1.260 [32.00]	1.2598 [32.000]
-40	31 & 32	1.7535 [44.540]	1.5354 [39.000]	.5512 [14.000]	.6366 [16.170]	1.654 [42.01]	1.6535 [42.000]
-50	41 & 42	2.1472 [54.540]	1.9291 [49.000]	.7480 [18.999]	.8334 [21.168]	2.047 [51.99]	2.0472 [52.000]
-60	31 & 32, 63 & 64	2.5409 [64.540]	2.3228 [59.000]	.5512 [14.000]	.6366 [16.170]	2.441 [62.00]	2.4409 [62.000]
-70	53 & 54, 115 & 116	2.9346 [74.540]	2.7165 [69.000]	.9843 [25.001]	1.0696 [27.168]	2.835 [72.01]	2.8346 [71.999]



CARD THICKNESS	TAIL OPTION	BOTTOM ROW	TOP ROW
*-01	-RA1	C-150-11-X-P	C-150-14-X-P
*-01	-RA2	C-150-15-X-P	C-150-16-X-P
-02	-RA1	C-150-01-X-P	C-150-04-X-P
-02	-RA2	C-150-05-X-P	C-150-06-X-P

* = FOR EXISTING CUSTOMERS ONLY



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01/25/00

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DESCRIPTION:
1mm MEC1 -RA ASSEMBLY
DWG. NO.
MEC1-1XX-XX-XX-D-RAX-XX-SL-XX
BY: MARKS 01/25/00 SHEET 2 OF 5

TABLE 5		
No OF POSITION	"K"	"L"
-60	.5512 [14.000]	.604 [15.34]
-70	1.1417 [28.999]	1.196 [30.37]

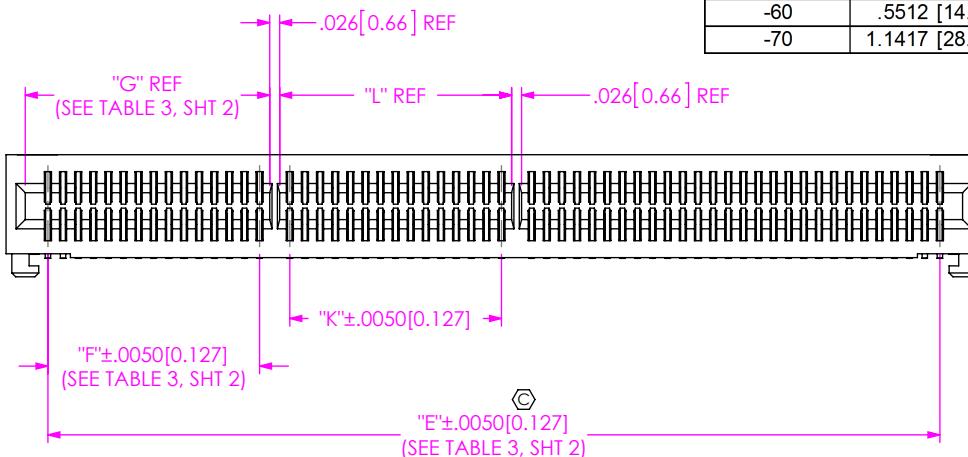


FIG 2
MEC1-160-02-XX-D-RA1-SL SHOWN
(-60 & -70 POSITION ONLY)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

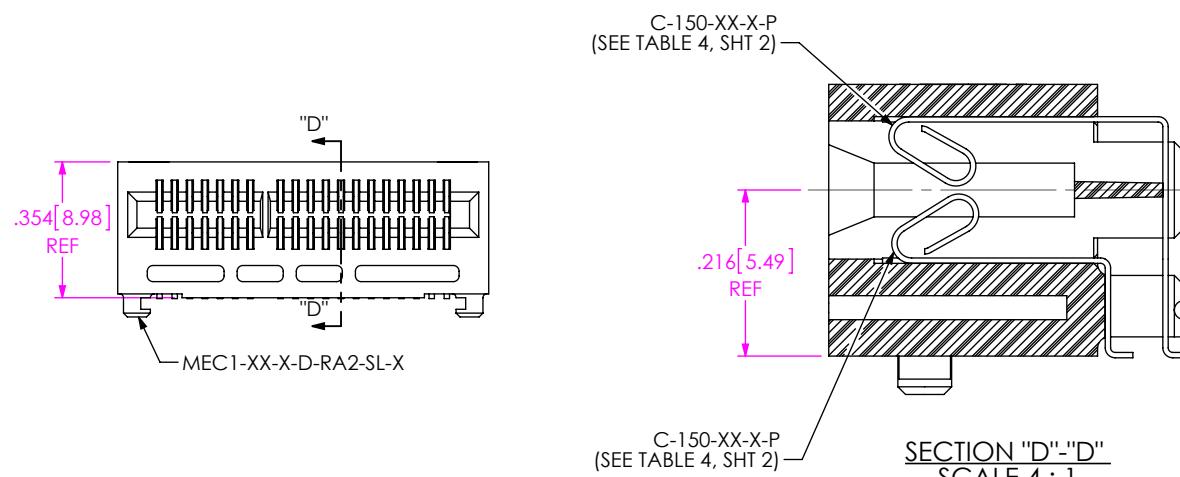


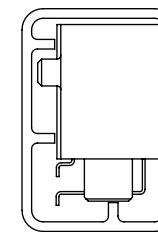
FIG 3
MEC1-120-02-XX-D-RA2-SL SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



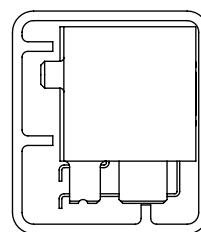
FIG 4
MEC1-120-02-XX-D-RA1-NP-SL SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

PACKAGING VIEW

-RA1 TAIL OPTION



-RA2 TAIL OPTION



TUBE: PT-1-24-01-106
PLUG: TP-07

TUBE: PT-1-24-02-106
PLUG: TP-13

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1mm MEC1 -RA ASSEMBLY
DWG. NO.
MEC1-1XX-XX-XX-D-RAX-XX-SL-XX
BY: MARKS 01/25/00 SHEET 3 OF 5

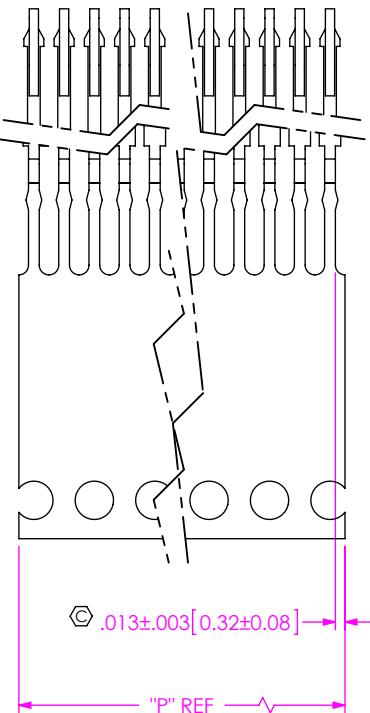


TABLE 6	
No OF POSITIONS	"P"
-05	.197 [5.00]
-08	.315 [8.00]
-20	.787 [20.00]
-30	1.181 [30.00]
-40	1.575 [40.00]
-50	1.969 [50.00]
-60	2.362 [60.00]
-70	2.756 [70.00]

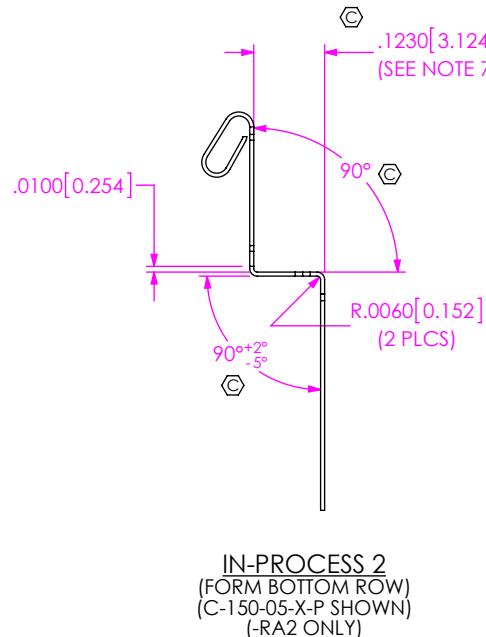
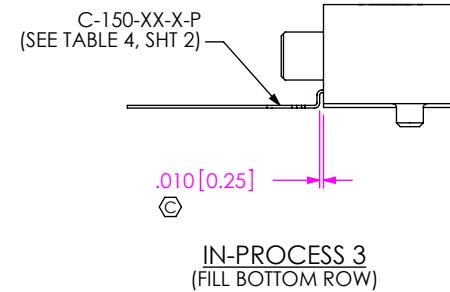
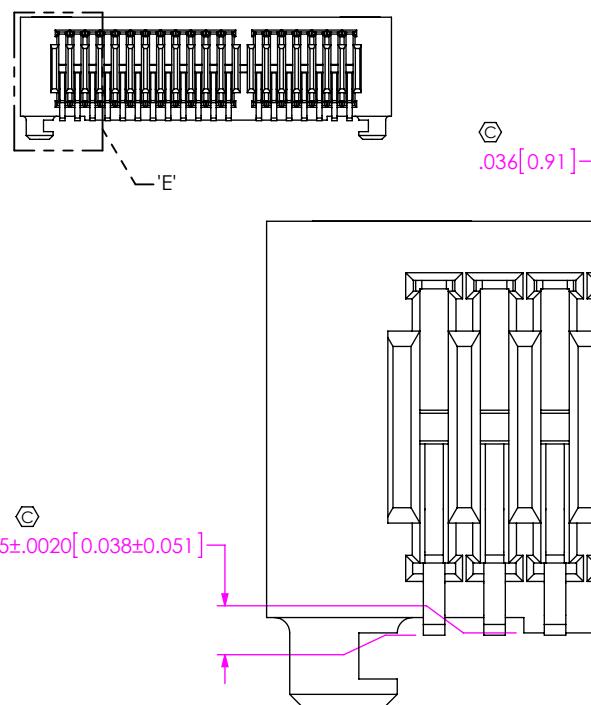
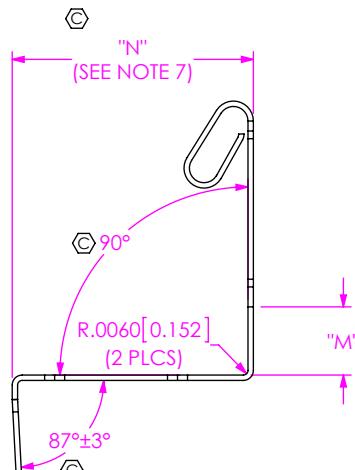
IN-PROCESS 1 & 5
(COMB CUT CONTACT)IN-PROCESS 2
(FORM BOTTOM ROW)
(C-150-05-X-P SHOWN)
(-RA2 ONLY)IN-PROCESS 3
(FILL BOTTOM ROW)

TABLE 7		
TAIL OPTION	"N"	"M"
-RA1	.2295 [5.829]	.085 [2.16]
-RA2	.3140 [7.976]	.089 [2.26]

IN-PROCESS 4
(SHEAR BOTTOM ROW)IN-PROCESS 6
(FORM TOP ROW)
(C-150-06-X-P SHOWN)

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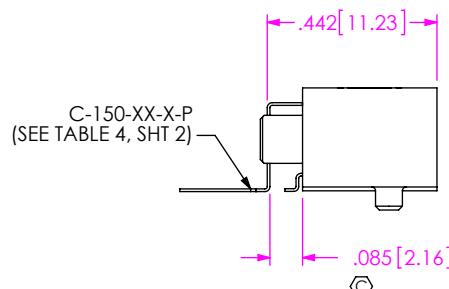
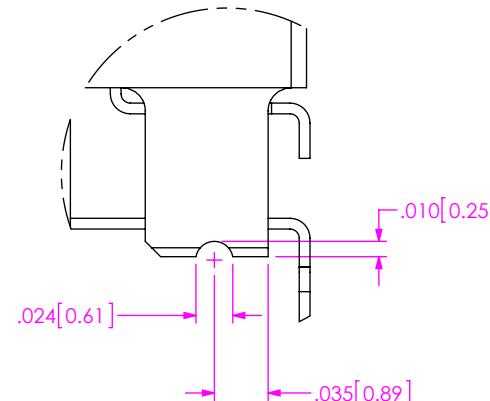
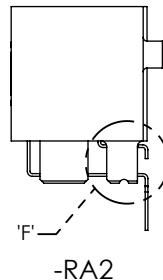
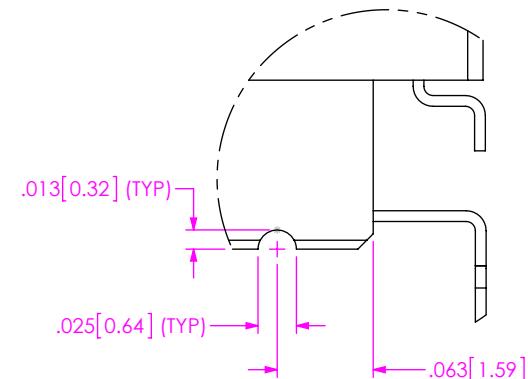
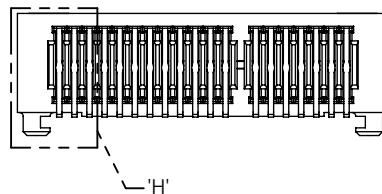
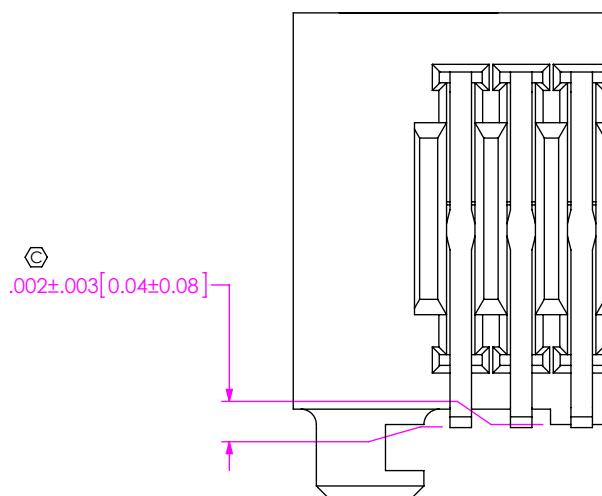
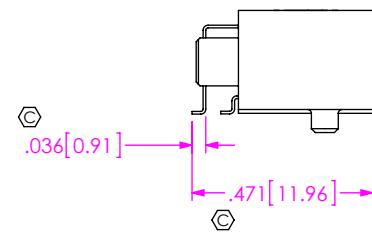
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DESCRIPTION: 1mm MEC1 -RA ASSEMBLY
DETAIL: 'E'
SCALED: 1:1 XX-XX-XX-D-RAX-XX-SL-XX

IN-PROCESS 7
(FILL TOP ROW)DETAIL 'F'
SCALE 8 : 1DETAIL 'G'
SCALE 8 : 1IN PROCESS 8
HEAT STAKE TOP ROWIN-PROCESS 9
(SHEAR TOP ROW)

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