

DO NOT
SCALE FROM
THIS PRINT

No. OF POSITIONS
-026, -052, 078
(PER ROW)

SOLDER TAIL LEAD STYLE
-01: 1.57[.062] OR
2.36[.093] BOARD
(SEE NOTE 9)

PACKAGING

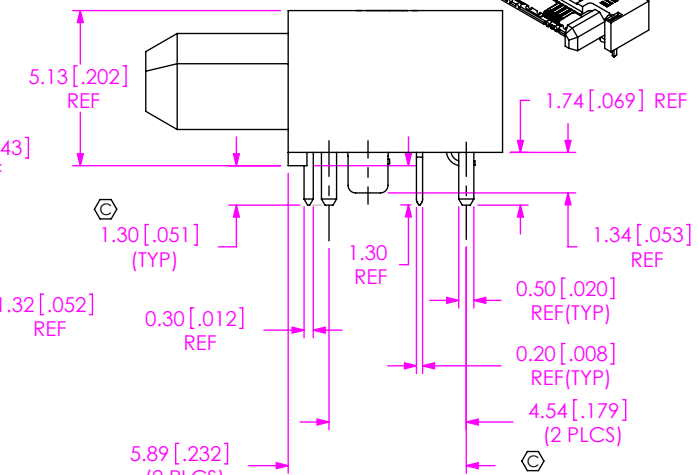
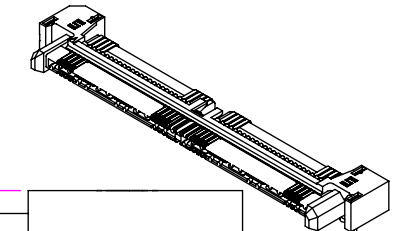
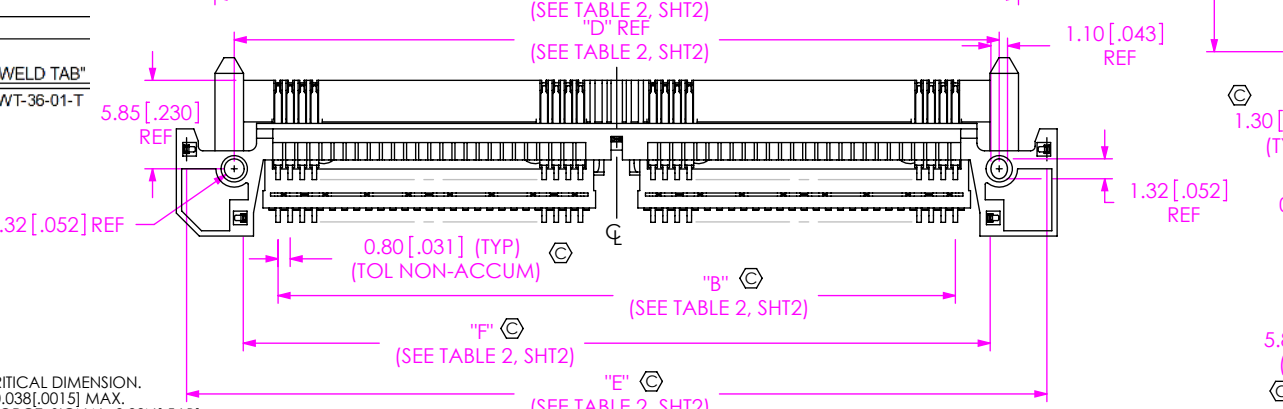
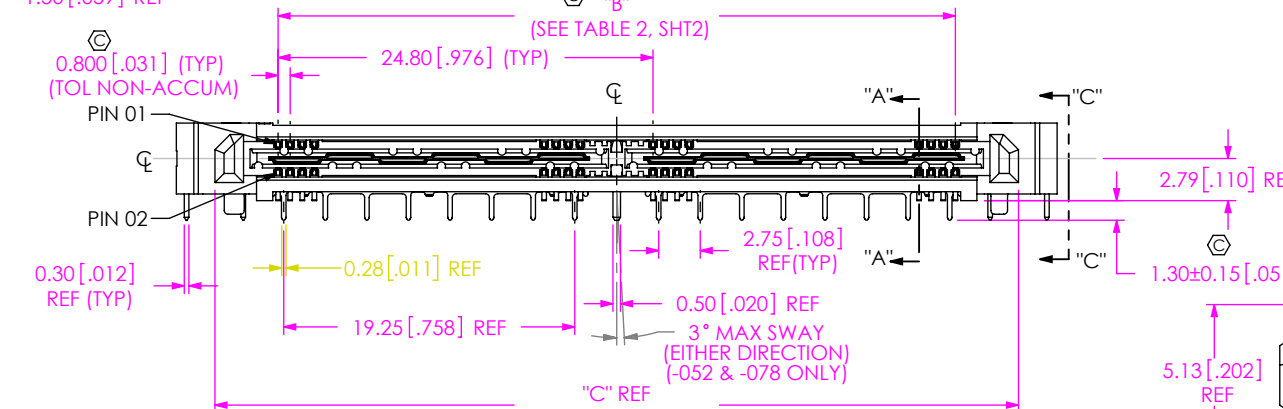
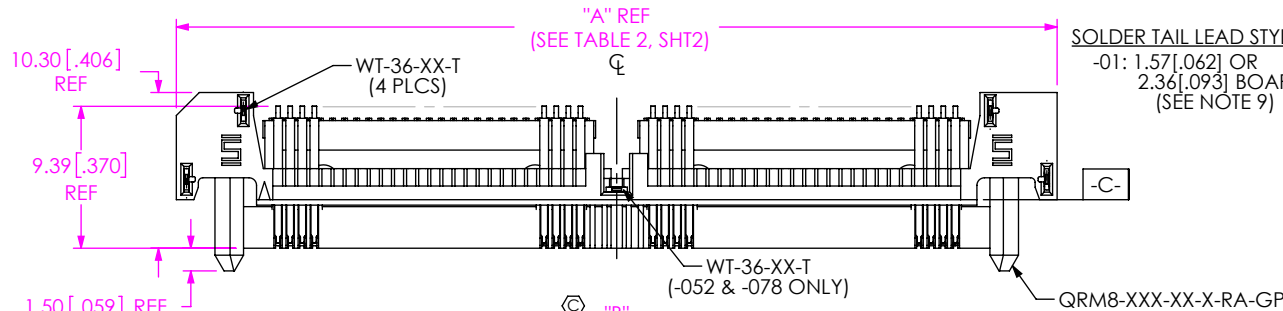
BLANK: TRAY(SEE NOTE 16)
-TR: TAPE & REEL
(SEE NOTE 17 & 18)
(NOT AVAILABLE FOR -78 POS)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTE 17 & 18)
PICK & PLACE OPTION
-K: POLYIMIDE FILM
(NOT AVAILABLE FOR
-026 & -078)
(USE K-DOT-.276-.375-.005,
SEE FIG. 2, SHT 6)

GUIDE POSTS

-GP
RIGHT ANGLE

PLATING SPECIFICATION

-S: 30µ" SELECTIVE GOLD IN CONTACT AREA
MATTE TIN ON TAIL
(USE T-1M52-XX-S & IM-T-1G35-XX-S)
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA
MATTE TIN ON TAIL
(USE T-1M52-XX-L & IM-T-1G35-XX-L)



SECTION "C"- "C"
SCALE 4 : 1

LEAD STYLE	"OVER MOLDED GROUND PLANE"	"WELD TAB"
-01	IM-T-1G35-01-X	WT-36-01-T

NOTES:
1. (C) REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: 2.22N[.5 LB].
GROUND PLANE: 4.45N[1 LB].
4. MEASURE AT BEND TANGENCY.
5. MEASURE ON PINS ONLY, STANDOFFS NOT INCLUDED IN MEASUREMENT.
6. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: 0.05[.002] MAXIMUM.
7. NOTE DELETED.
8. NOTE DELETED.
9. THE -01 SOLDER TAIL LEAD STYLE CAN BE USED FOR A 1.57[.062] OR A 2.36[.093] THICK PCB IF SAMTEC'S RECOMMENDED STENCIL APERTURE IS UTILIZED.
10. DIMENSIONS MUST BE MEASURED BOTH ENDS OF COMB OR CONNECTOR.
11. NOTE DELETED.
12. NOTE DELETED.
13. NOTE DELETED.
14. NOTE DELETED.
15. SHEAR BURR ALLOWANCE: .15 [.006] MAX ON THIS EDGE.
16. TRAY IS STANDARD PACKAGING.
17. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
18. ATTACH LABEL TO EACH REEL.

F:\DWG\MISC\WKTG\QRM8-XXX-XX-X-RA-GP-X-XX-MKT.SLDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.13 [.005]
X.XXX: ±0.050 [.0020]

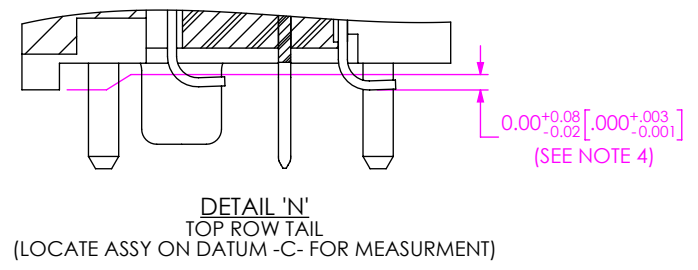
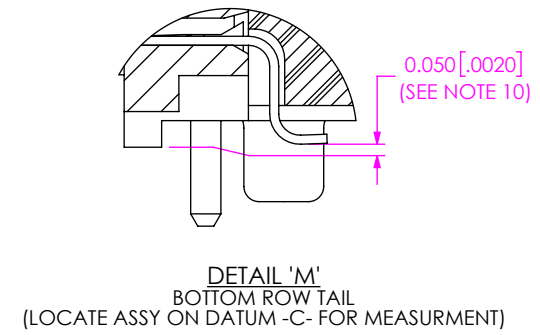
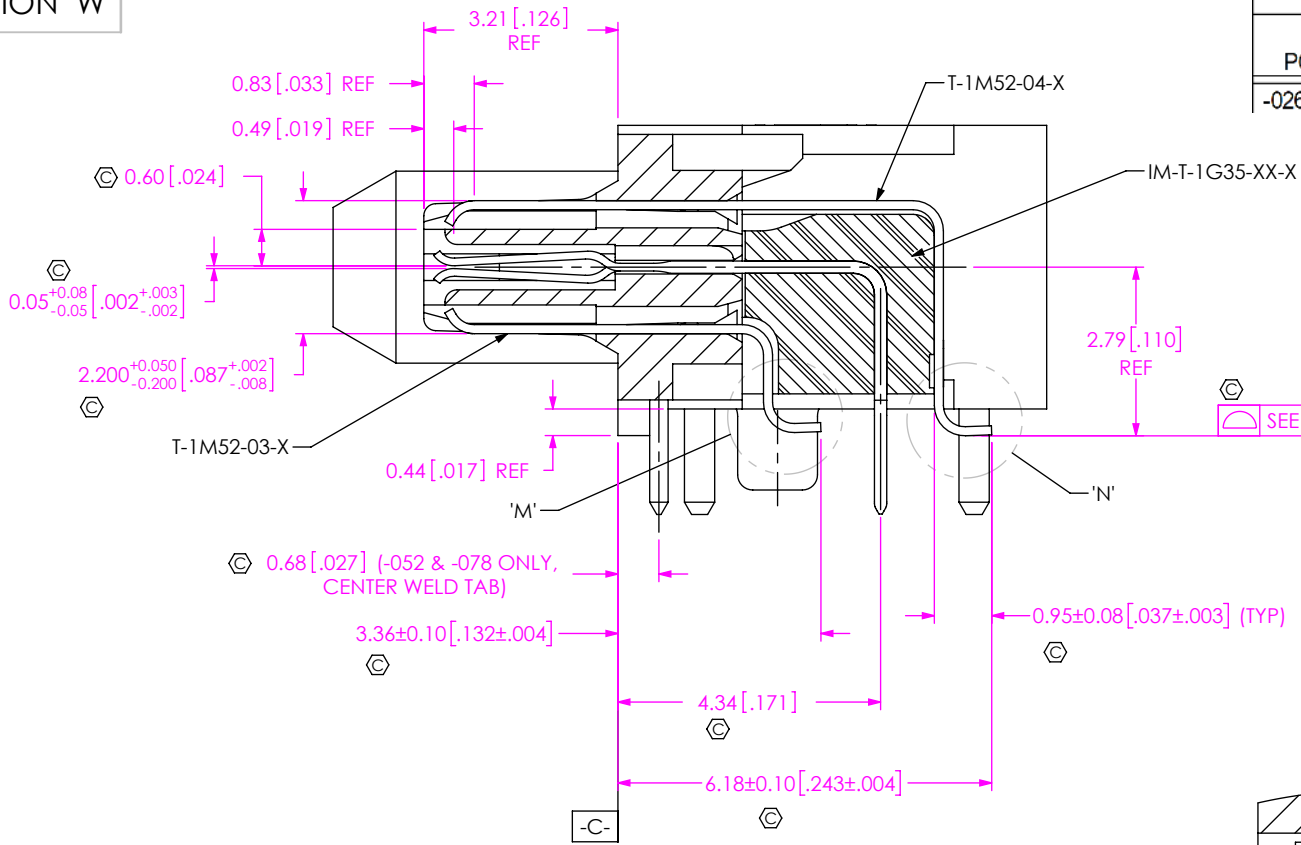
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATORS: LCP UL94V-0; COLOR: BLACK
CONTACT: PHOS BRONZE
GROUND PLANE: PHOS BRONZE



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

DESCRIPTION:
0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY
DWG. NO.
QRM8-XXX-XX-X-RA-GP-X-XX
BY: R MUSSER 10/02/2008 SHEET 1 OF 6



SECTION "A"- "A"
SCALE 8 : 1

No OF POSITIONS	BOTTOM ROW STRAIGHTNESS	TOP ROW STRAIGHTNESS	COPLANARITY
-026, -052, -078	0.10 [0.004]	0.10 [0.004]	0.15 [0.006]

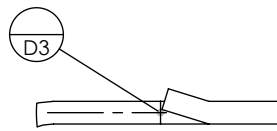
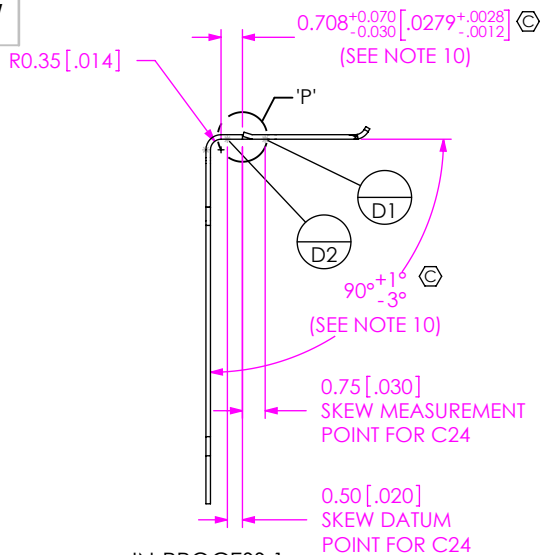
No OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"
-026	33.46 [1.317]	20.00 [0.787]	28.35 [1.116]	25.80 [1.016]	32.11 [1.264]	24.61 [0.969]
-052	58.26 [2.294]	44.80 [1.764]	53.15 [2.093]	50.60 [1.992]	56.91 [2.240]	49.41 [1.945]
-078	83.06 [3.270]	69.60 [2.740]	77.95 [3.069]	75.40 [2.969]	81.71 [3.217]	74.21 [2.921]

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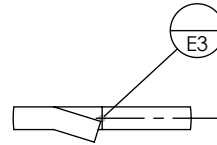
samtec
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DO NOT SCALE DRAWING
 SHEET SCALE: 2:1

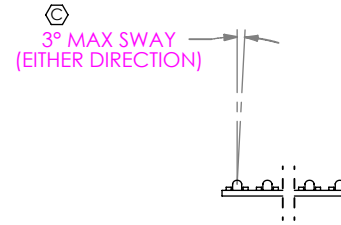
DESCRIPTION:
 0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY
 DWG. NO.
QRM8-XXX-XX-X-RA-GP-X-XX
 BY: R MUSSER 10/02/2008 SHEET 2 OF 6



DETAIL 'P'
SCALE 20 : 1



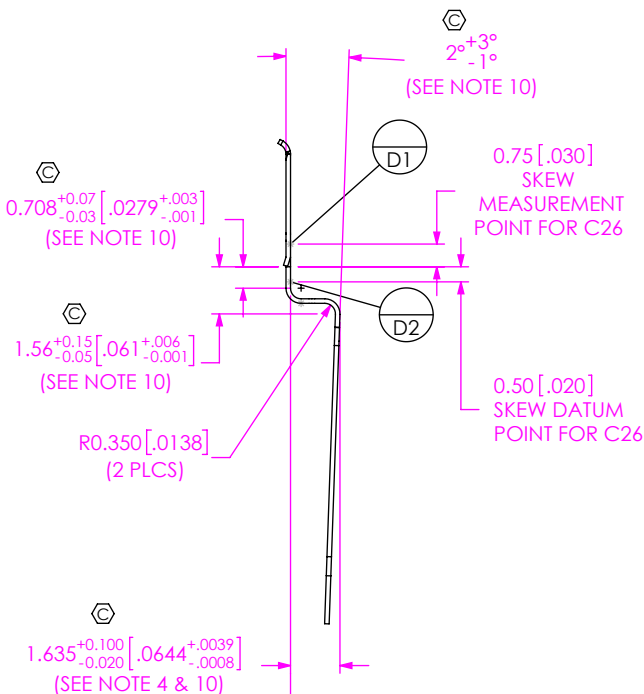
DETAIL 'Q'
SCALE 20 : 1



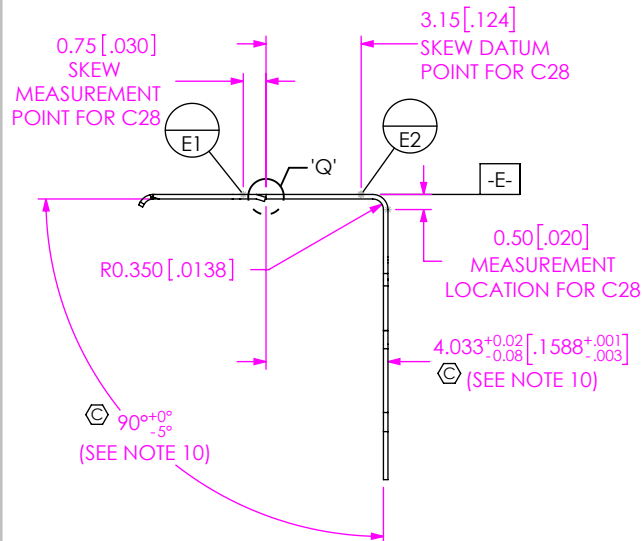
0.25±0.08 [.010±.003]

T-1M52-XX-X IN-PROCESS VIEW

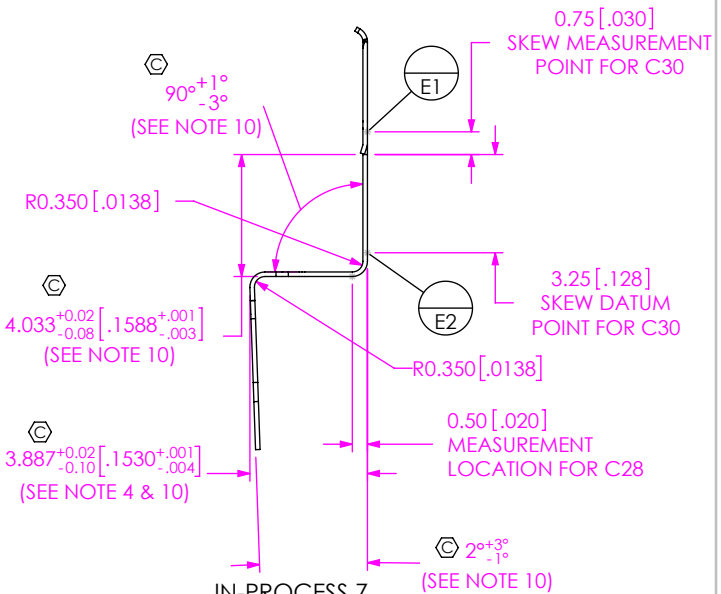
IN-PROCESS 1
(FORM 1 CONTACT T-1M52-03-X)
(RIGHT SIDE SHOWN)



IN-PROCESS 2
(FORM 2 CONTACT T-1M52-03-X)
(RIGHT SIDE SHOWN)



IN-PROCESS 6
(FORM 1 CONTACT T-1M52-04-X)
(LEFT SIDE SHOWN)



IN-PROCESS 7
(FORM 2 CONTACT T-1M52-04-X)
(LEFT SIDE SHOWN)

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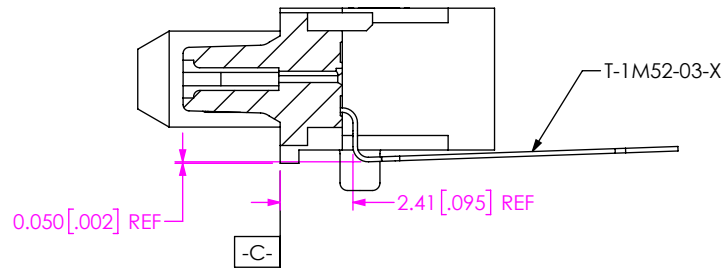
DO NOT SCALE DRAWING

SHEET SCALE: 4:1

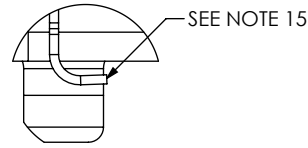
DESCRIPTION:
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DWG. NO.
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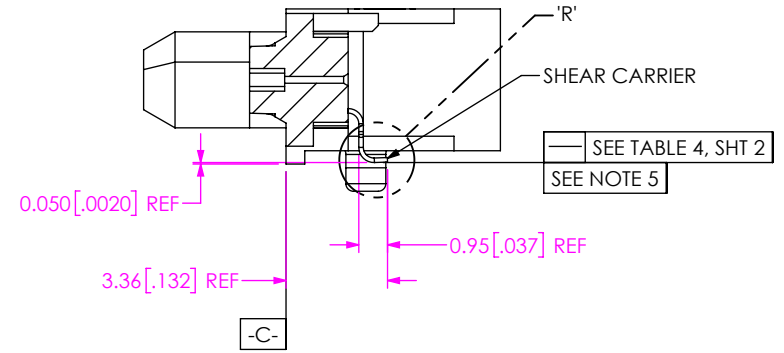
BY: R MUSSER 10/02/2008 SHEET 3 OF 6



IN-PROCESS 3
(FILL BOTTOM ROW)
(SEE INSPECTION VIEW 1 FOR ASSEMBLY ORIENTATION AND CPC'S)

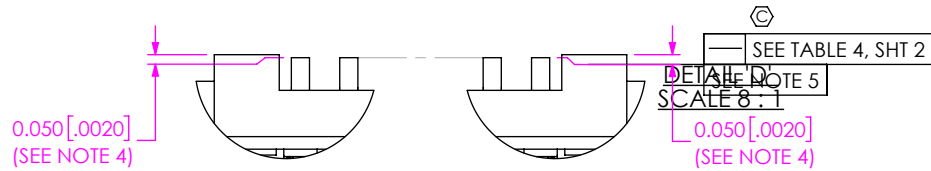
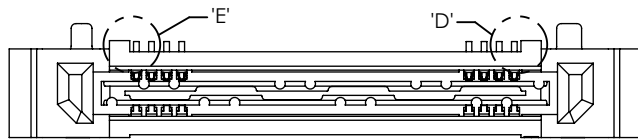


DETAIL 'R'
SCALE 8 : 1

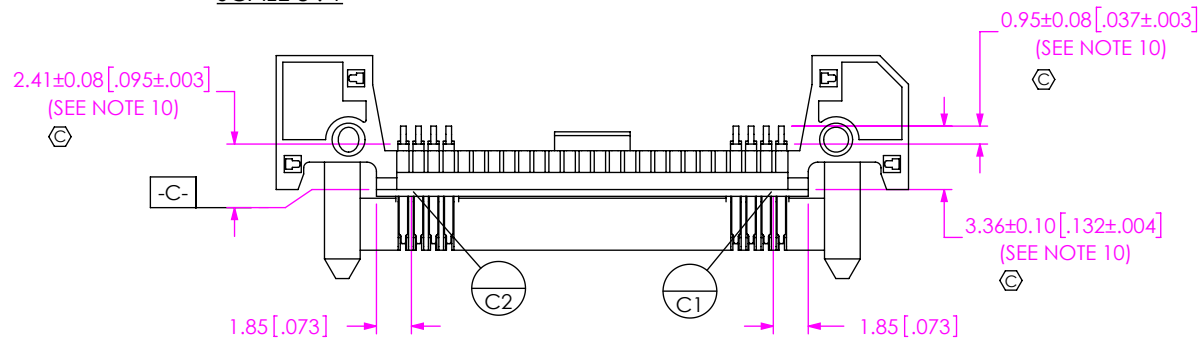


IN-PROCESS 4
(CUTOFF OF CARRIER)
(SEE INSPECTION VIEW 1 FOR ASSEMBLY ORIENTATION AND CPC'S)

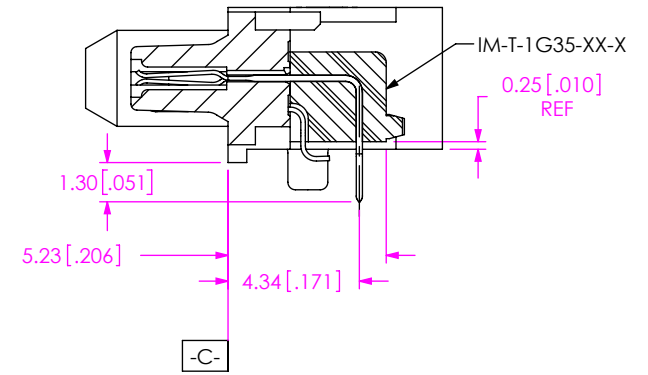
INSPECTION VIEW 1



DETAIL 'E'
SCALE 8 : 1



INSPECTION FOR IN-PROCESS 3 & 4
(CARRIER NOT SHOWN FOR IN PROCESS 3 INSPECTIONS)



IN-PROCESS 5
(FILL OVER MOLDED GROUND PLANE)
(IM-T-1G35-XX-X)

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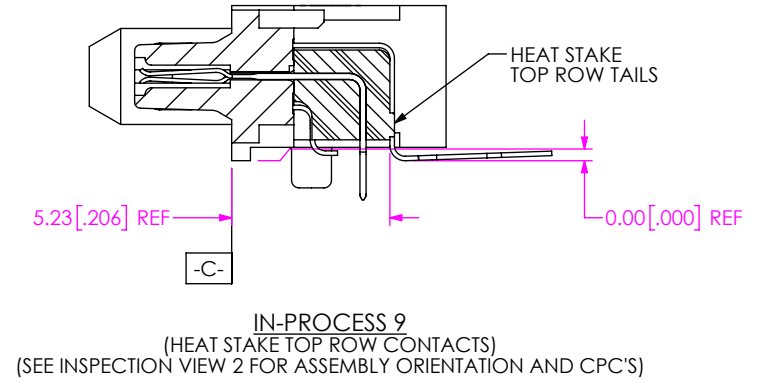
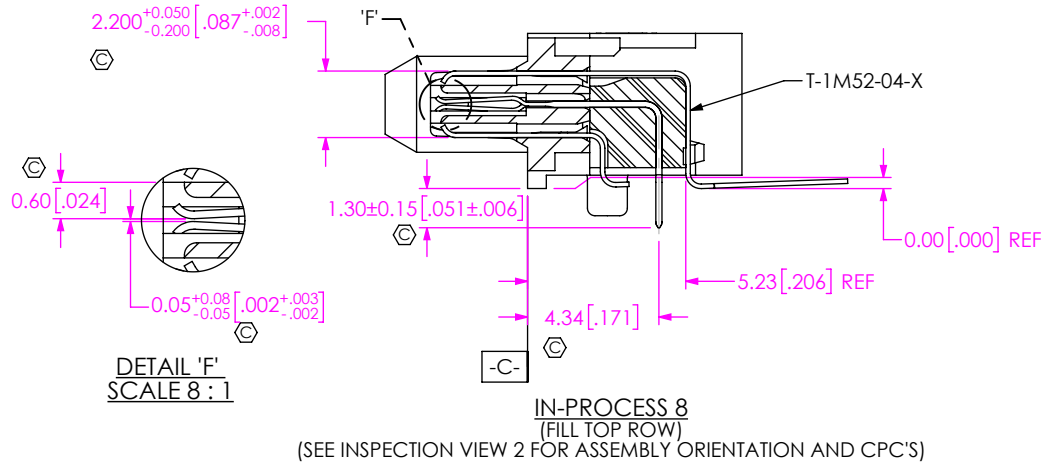
SHEET SCALE: 4:1

DESCRIPTION:
0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

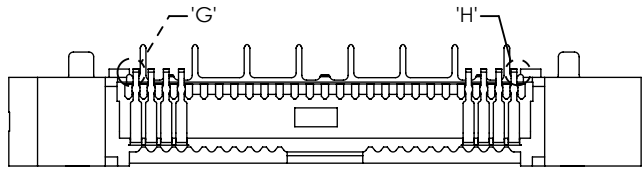
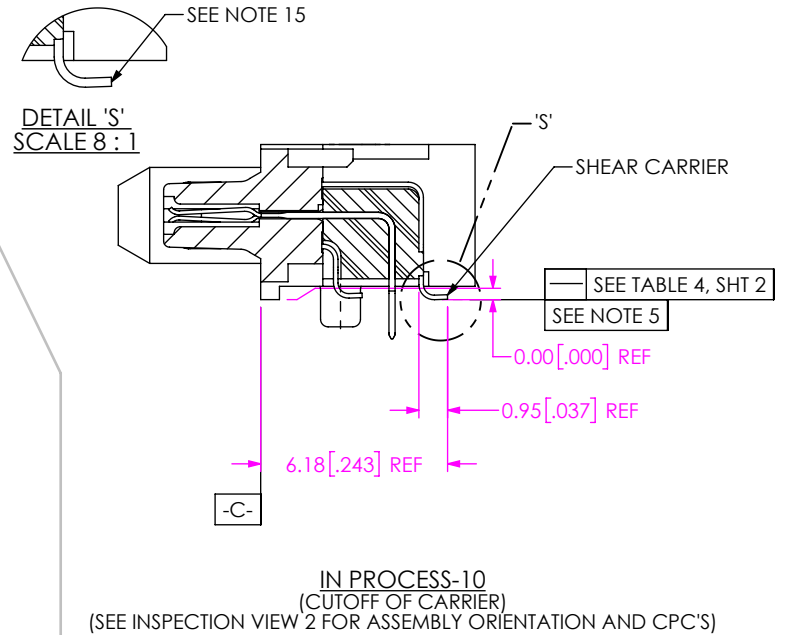
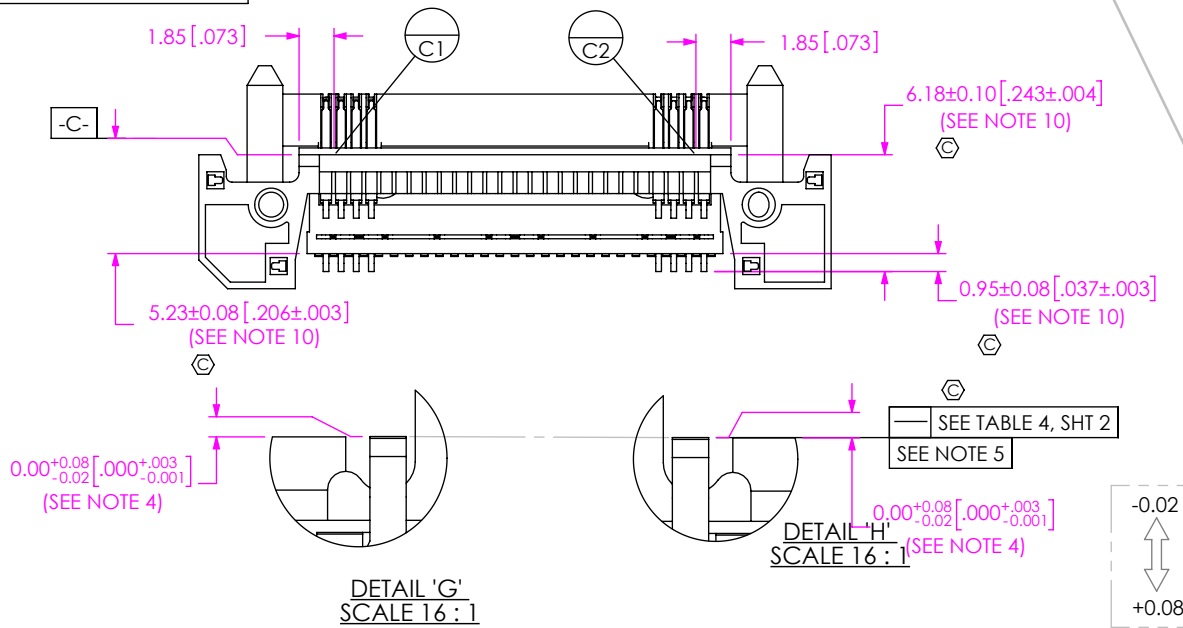
DWG. NO.
QRM8-XXX-XX-X-RA-GP-X-XX

BY: R MUSSER 10/02/2008 SHEET 4 OF 6

REVISION W



INSPECTION VIEW 2



INSPECTION FOR IN-PROCESS 8, 9 & 10
 (CARRIER NOT SHOWN FOR IN-PROCESS 8 INSPECTIONS)

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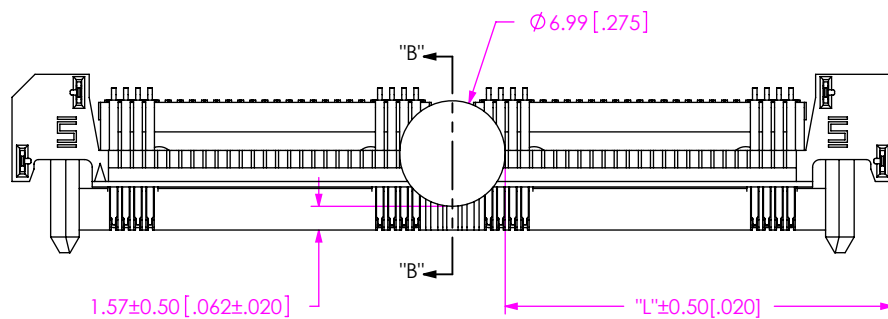
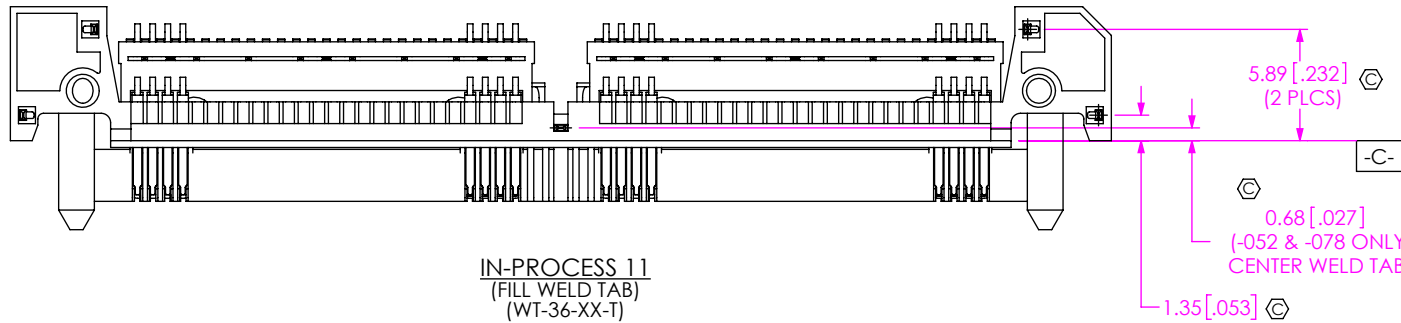
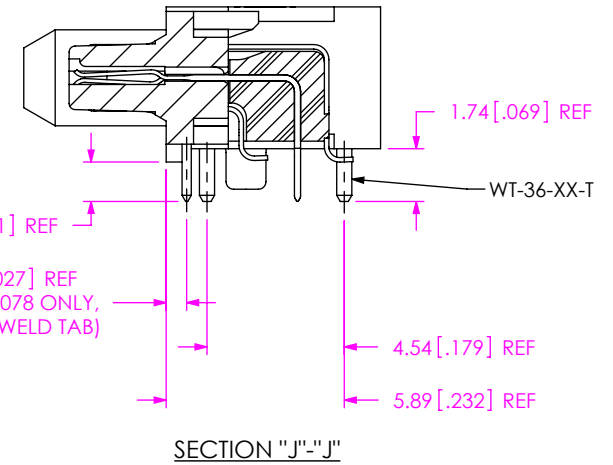
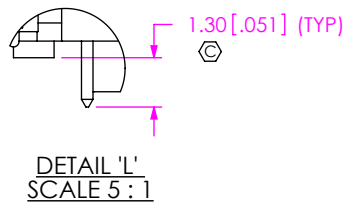
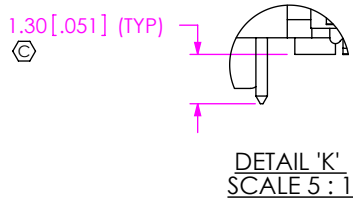
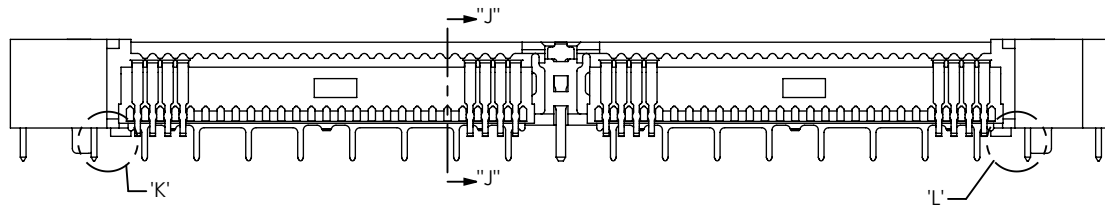
DO NOT SCALE DRAWING

SHEET SCALE: 4:1

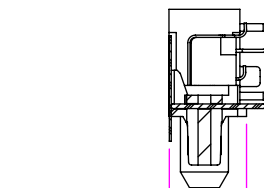
DESCRIPTION:
 0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

DWG. NO.
 QRM8-XXX-XX-X-RA-GP-X-XX

BY: R MUSSER 10/02/2008 SHEET 5 OF 6



SECTION "B"-"B"
SCALE 2:1



No OF POSITIONS	"L"
-026	13.24 [0.521]
-052	25.64 [1.009]
-078	38.04 [1.498]

FIG 2
-K OPTION
(USE K-DOT-.276-.375-.005)
(QRM8-052-01-X-RA-GP-K SHOWN)
(SOME DETAIL REMOVED FOR CLARITY)

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SHEET SCALE: 4:1

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0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

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BY: R MUSSER 10/02/2008 SHEET 6 OF 6