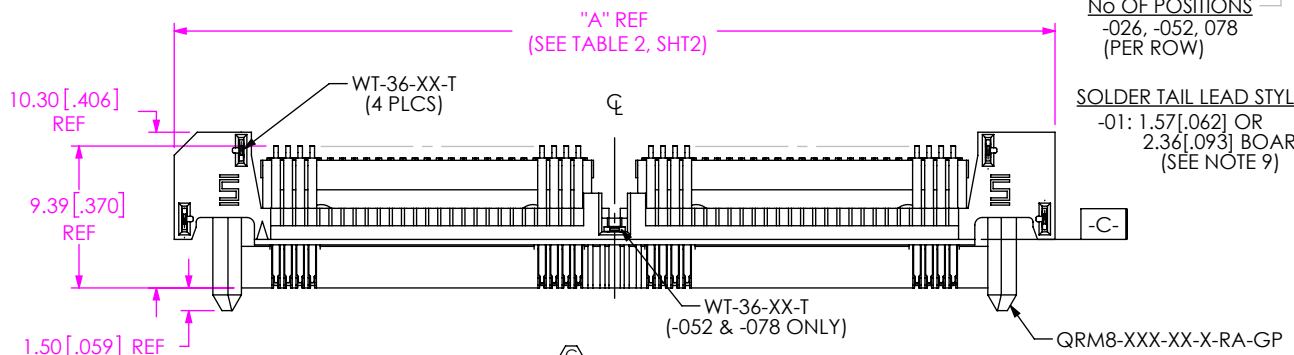
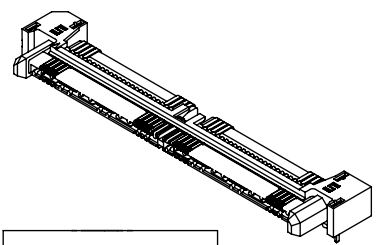


DO NOT  
SCALE FROM  
THIS PRINT

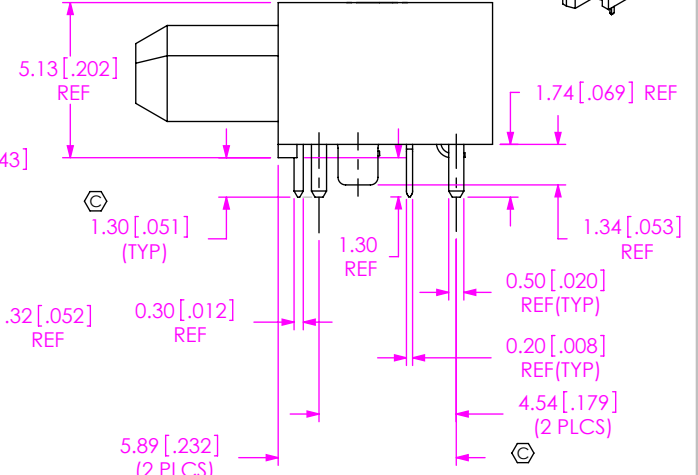
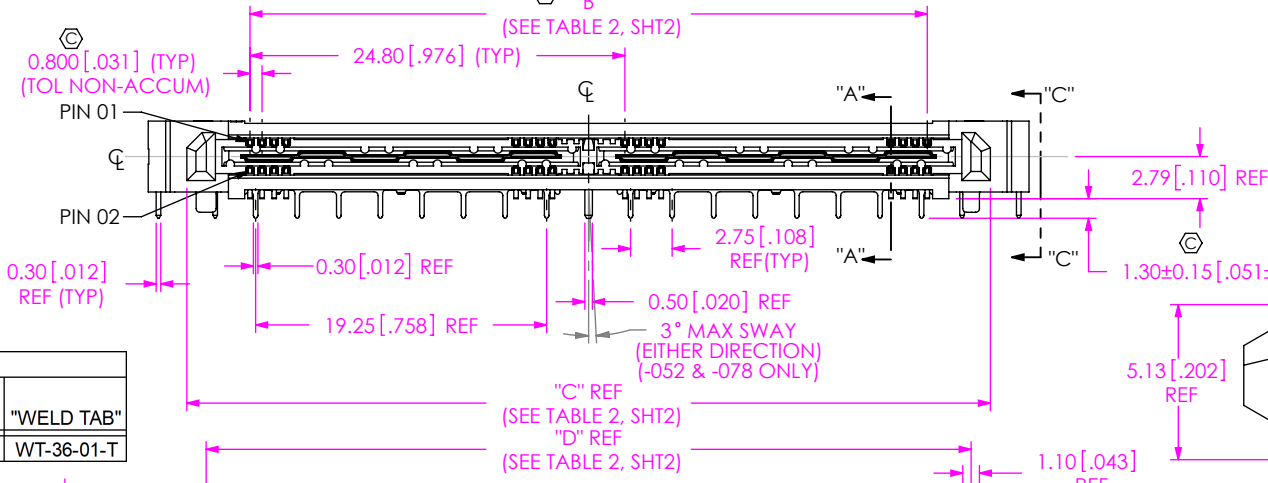


- OPTION
- K: POLYIMIDE FILM (NOT AVAILABLE FOR -026 & -078) (USE K-DOT-.276-.375-.005, SEE FIG. 2, SHT 4)
- TR: TAPE & REEL (SEE NOTE 8)
- GUIDE POSTS
- GP
- RIGHT ANGLE
- RA

- 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)



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



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

FIG 1  
(QRM8-052-01-X-RA-GP SHOWN)  
(SOME DETAIL REMOVED FOR CLARITY)

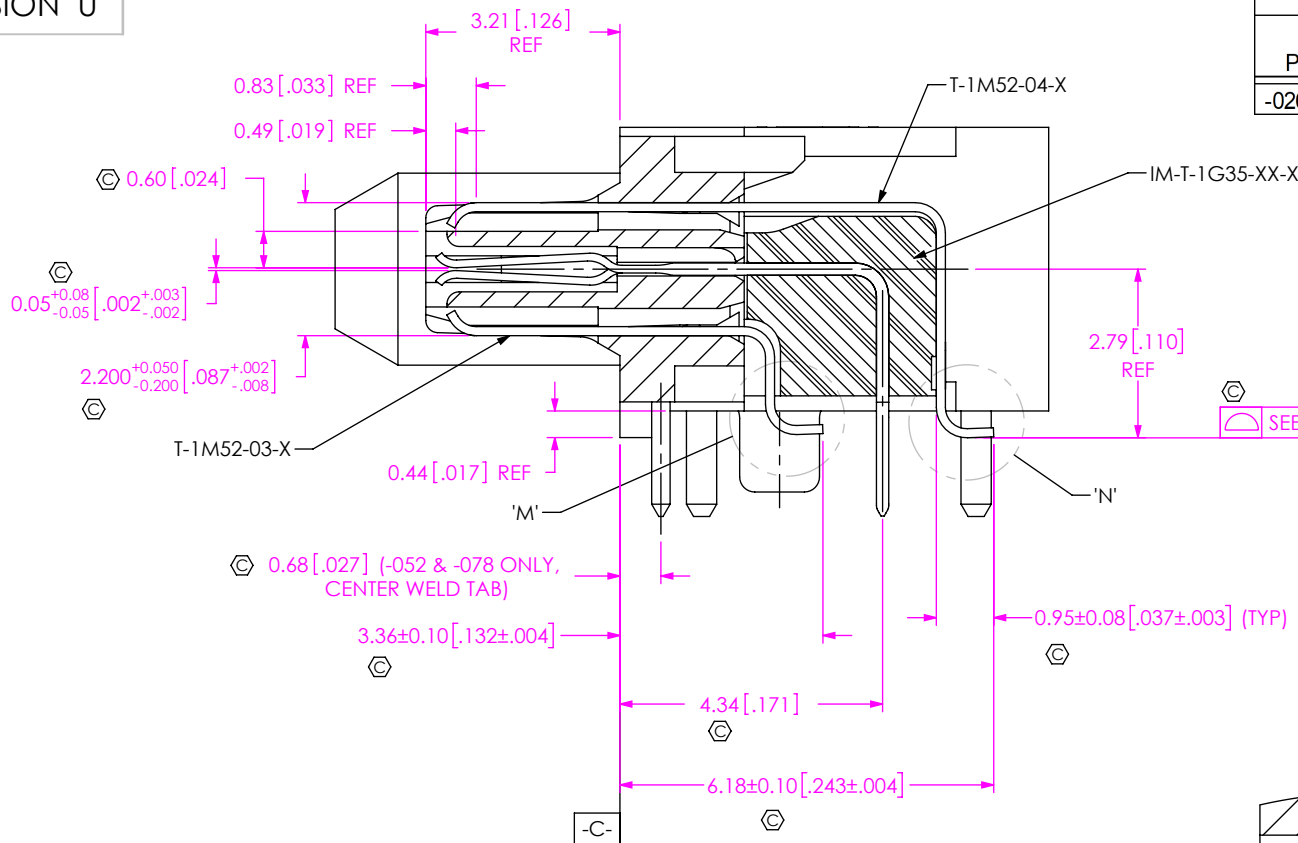
- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. BURR ALLOWANCE: 0.038[.0015] MAX.
  3. MINIMUM PUSHOUT FORCE: SIGNAL: 2.22N[.5 LB]. GROUND PLANE: 4.45N[1 LB].
  4. MEASURE AT BEND TANGENCY.
  5. MEASURE ON PINS ONLY, STANDOFFS NOT INCLUDED IN MEASUREMENT.
  6. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: 0.05[.002] MAXIMUM.
  7. NOTE DELETED
  8. PARTS TO BE PACKAGED IN TRAYS, UNLESS -TR OPTION IS SPECIFIED. -078 POSITION IS NOT AVAILABLE IN TAPE AND REEL.
  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.

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

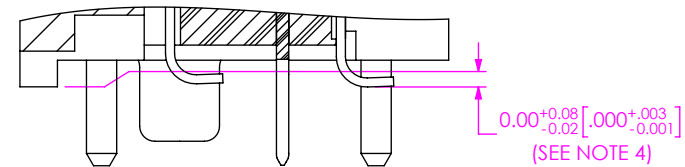
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:	PROPRIETARY NOTE
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X.X: ±0.3 [.01]	
X.XX: ±0.13 [.005]	
X.XXX: ±0.050 [.0020]	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1	
INSULATORS: LCP UL94V-0; COLOR: BLACK	
CONTACT: PHOS BRONZE	
GROUND PLANE: PHOS BRONZE	

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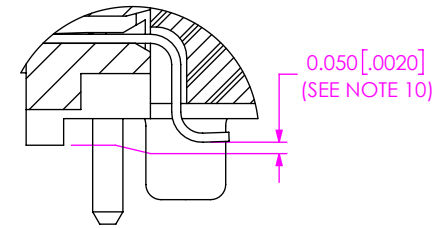
DESCRIPTION: 0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY
DWG. NO. QRM8-XXX-XX-X-RA-GP-XX
BY: R MUSSER 10/02/2008 SHEET 1 OF 6



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



DETAIL 'N'  
TOP ROW TAIL  
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)



DETAIL 'M'  
BOTTOM ROW TAIL  
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)

TABLE 4			
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]

SEE TABLE 4

TABLE 2						
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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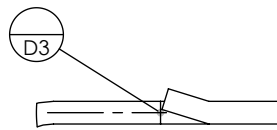
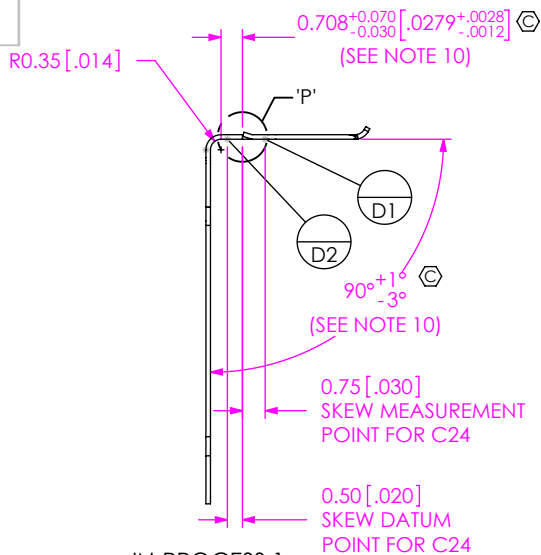
DO NOT SCALE DRAWING

SHEET SCALE: 2:1

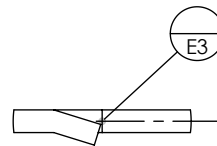
DESCRIPTION:  
0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

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

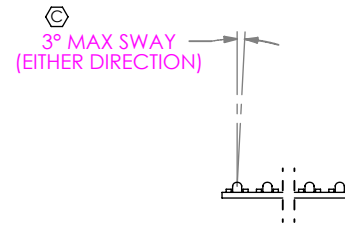
BY: R MUSSER 10/02/2008 SHEET 2 OF 6



DETAIL 'P'  
SCALE 20 : 1



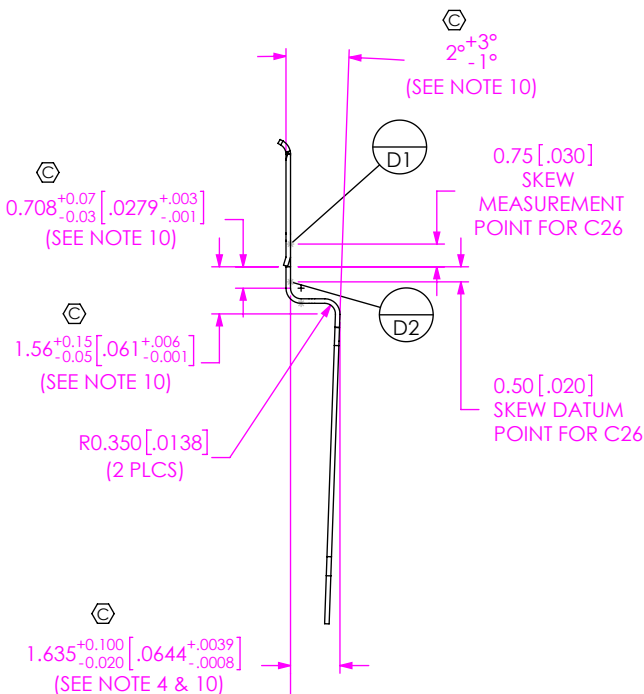
DETAIL 'Q'  
SCALE 20 : 1



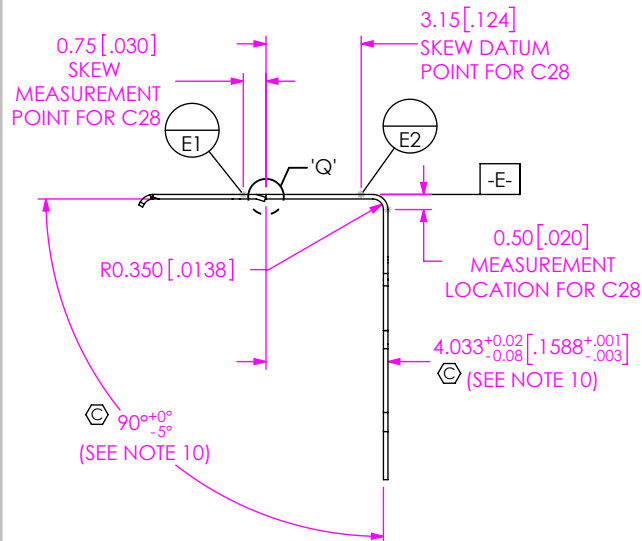
0.25±0.08 [.010±.003]

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

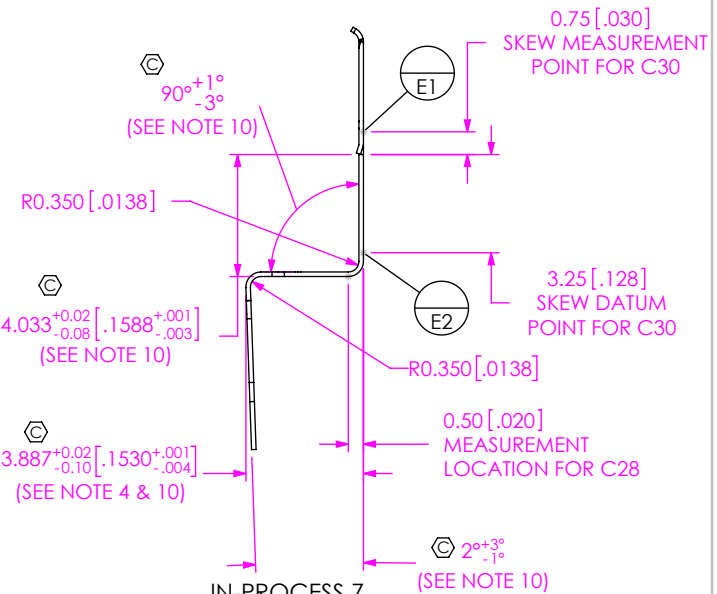
IN-PROCESS 1  
(FORM 1 CONTACT T-1M52-03-X)  
(RIGHT SIDE SHOWN)



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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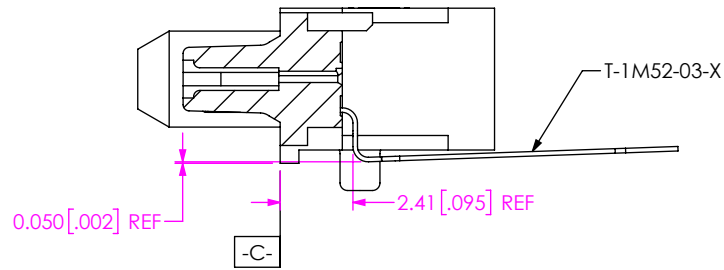
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SHEET SCALE: 4:1

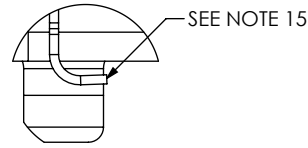
DESCRIPTION:  
0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

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

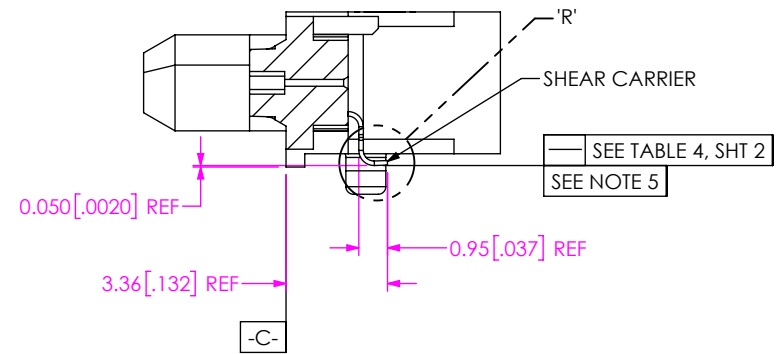
BY: R MUSSER 10/02/2008 SHEET 3 OF 6



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

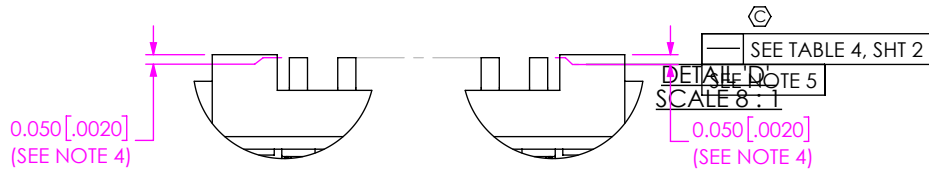
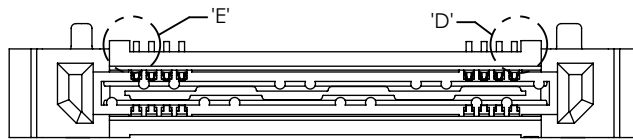


DETAIL 'R'  
SCALE 8 : 1

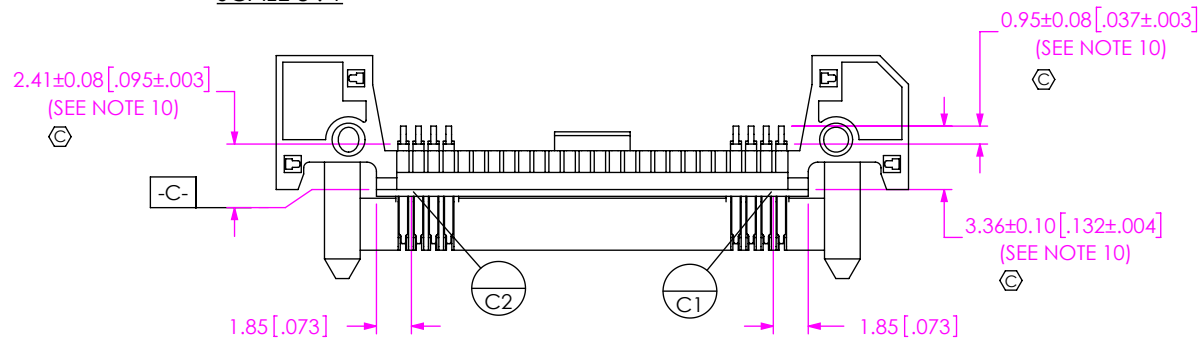


IN-PROCESS 4  
(CUTOFF OF CARRIER)  
(SEE INSPECTION VIEW 1 FOR ASSEMBLY ORIENTATION AND CPC'S)

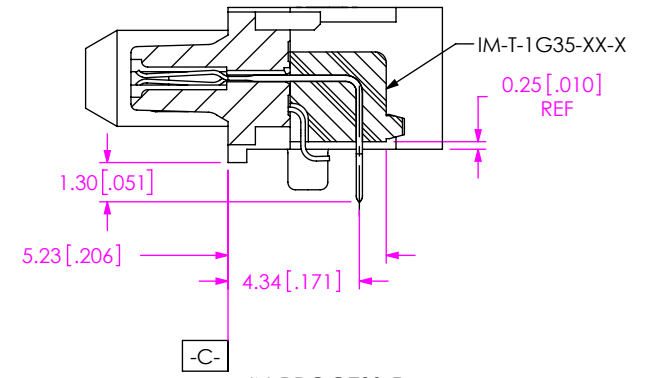
**INSPECTION VIEW 1**



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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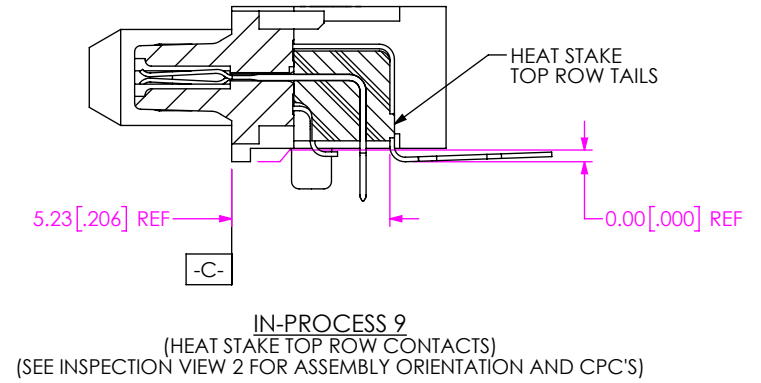
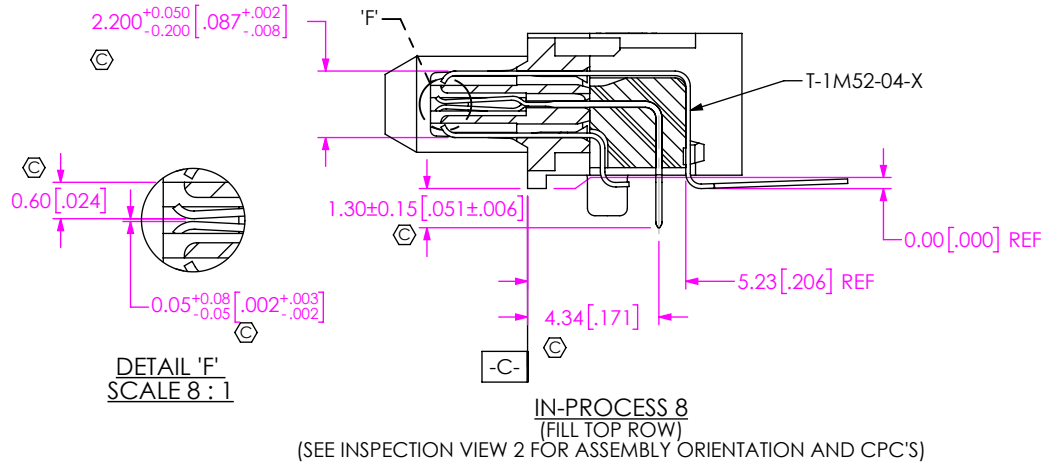
SHEET SCALE: 4:1

DESCRIPTION:  
0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

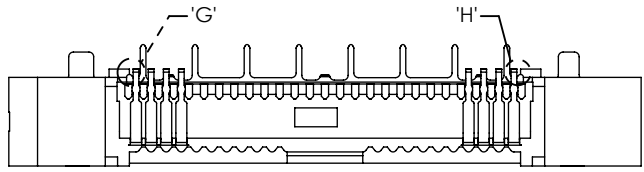
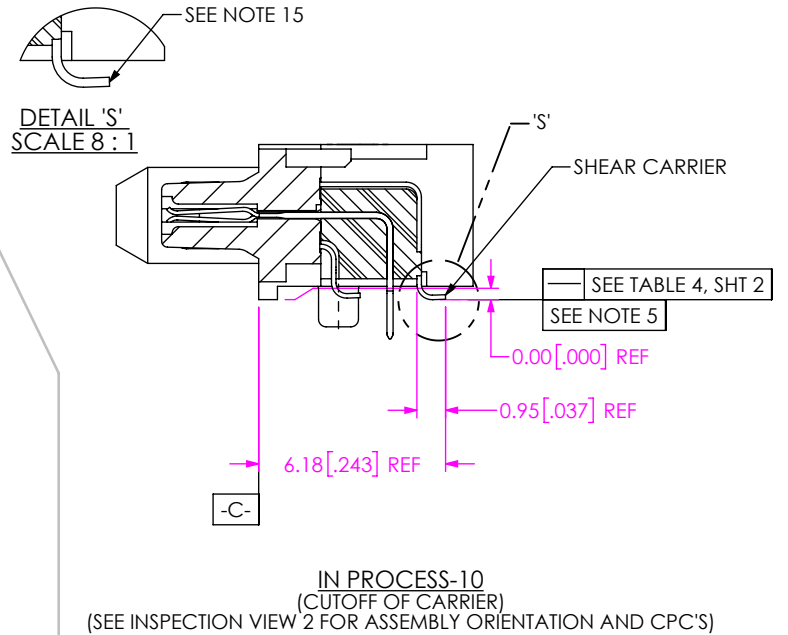
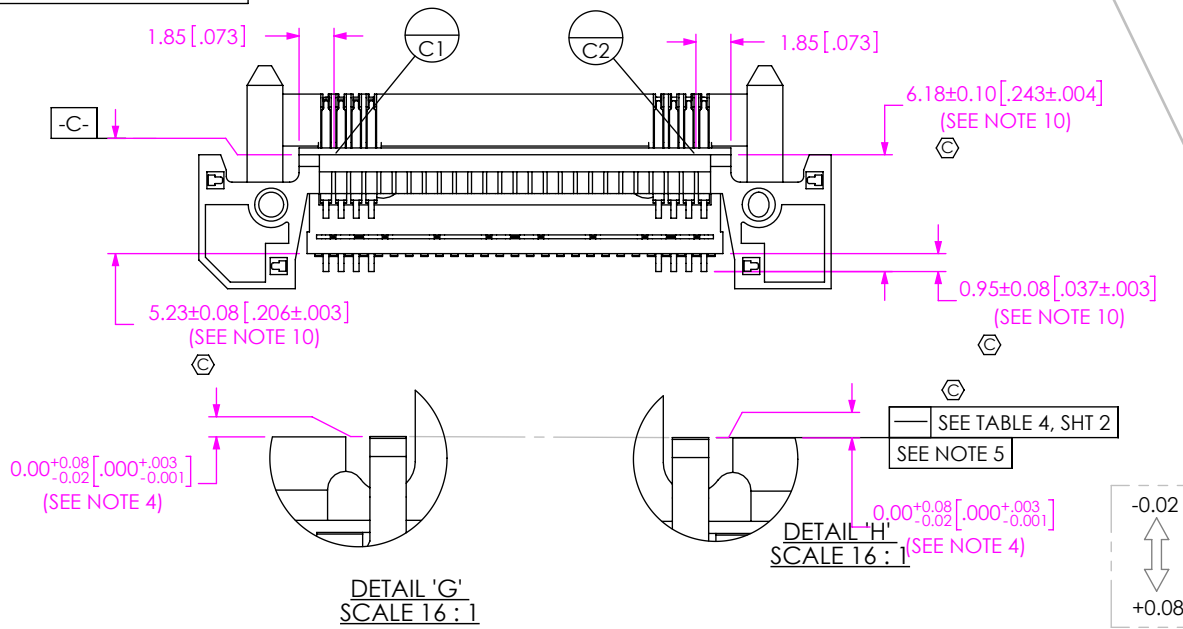
DWG. NO.  
QRM8-XXX-XX-X-RA-GP-XX

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

REVISION U



INSPECTION VIEW 2



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

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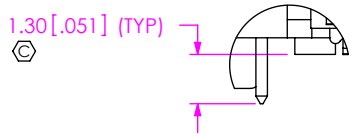
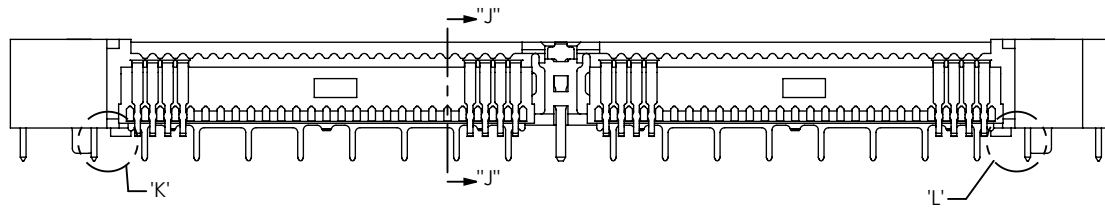
DO NOT SCALE DRAWING

SHEET SCALE: 4:1

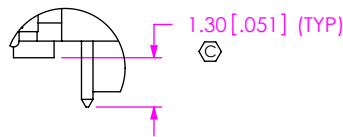
DESCRIPTION:  
 0.8mm Q-RATE RIGHT ANGLE TERMINAL ASSEMBLY

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

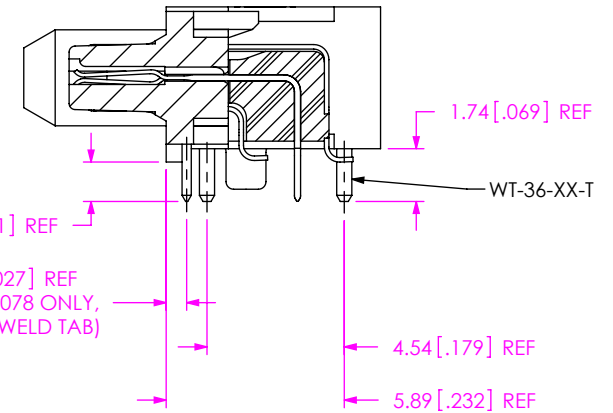
BY: R MUSSER 10/02/2008 SHEET 5 OF 6



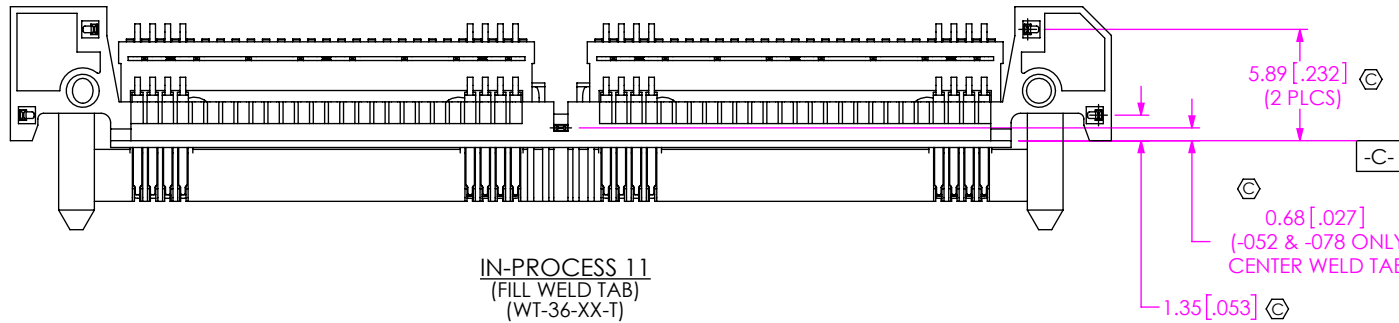
DETAIL 'K'  
SCALE 5 : 1



DETAIL 'L'  
SCALE 5 : 1



SECTION "J"-"J"



IN-PROCESS 11  
(FILL WELD TAB)  
(WT-36-XX-T)

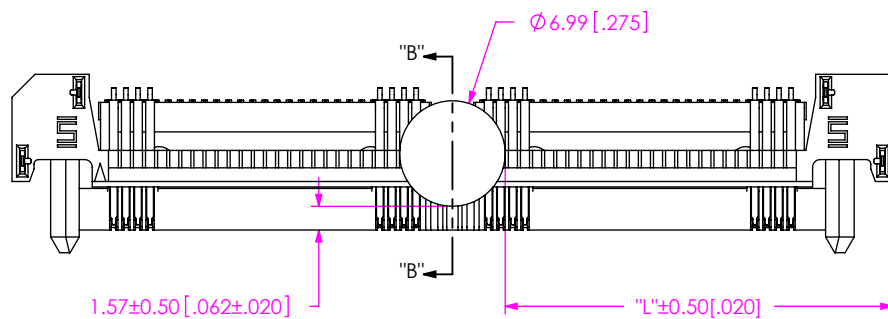
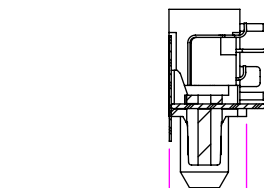


FIG 2  
-K OPTION  
(USE K-DOT-.276-.375-.005)  
(QRM8-052-01-X-RA-GP-K SHOWN)  
(SOME DETAIL REMOVED FOR CLARITY)

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]

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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-XX

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