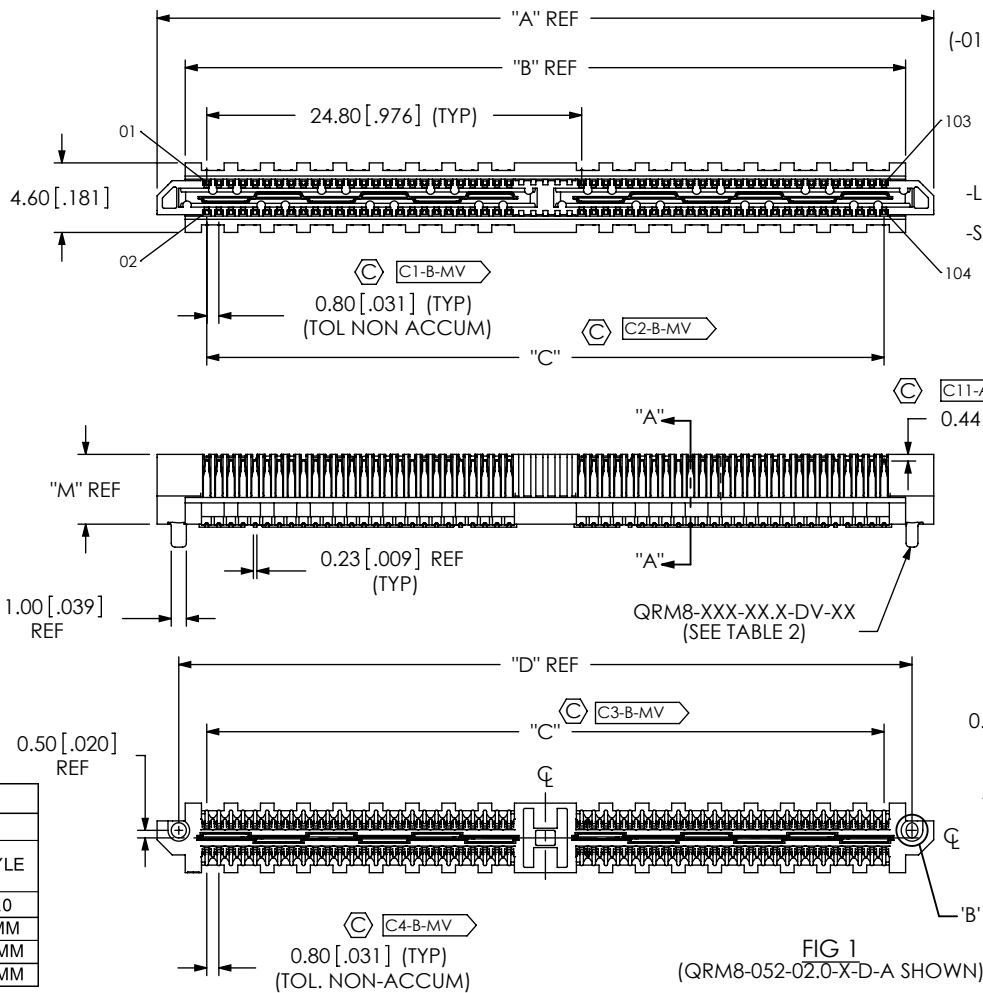


**DESIGNED AND DIMENSIONED
IN MILLIMETERS [INCHES]**

DO NOT
SCALE FROM
THIS PRINT



QRM8-XXX-XX.X-X-D-XX-A-XX

- No OF POSITIONS
-026, -052, **-078
(-018, -036, **-054 FOR -DP ONLY)
- LEAD STYLE
-02.0 = 2mm (SEE FIG. 1)
-05.0 = 5mm (SEE FIG. 3, SHT 2)
-07.0 = 7mm
- PLATING SPECIFICATION
-L: LIGHT SELECTIVE GOLD / MATTE TIN
(USE T-1M53-XX.X-L & T-1G38-XX.X-L)
-S: SELECTIVE GOLD / MATTE TIN
(USE T-1M53-XX.X-S & T-1G38-XX.X-S)
- OPTIONS
-K: POLYIMIDE FILM PAD
-TR: TAPE & REEL
(SEE NOTE 4)
-GP: GUIDE POST
(SHEET 3, FIG 4)
(SEE NOTE 8)
- OPTIONS
-A: ALIGNMENT PIN
- OPTION
(IF NOT APPLICABLE, LEAVE BLANK)
-DP: DIFFERENTIAL PAIRS
(SHEET 4, FIG 5)
- ROW SPECIFICATION
-D: DOUBLE

** = NOT AVAILABLE IN -02.0 LEAD STYLE

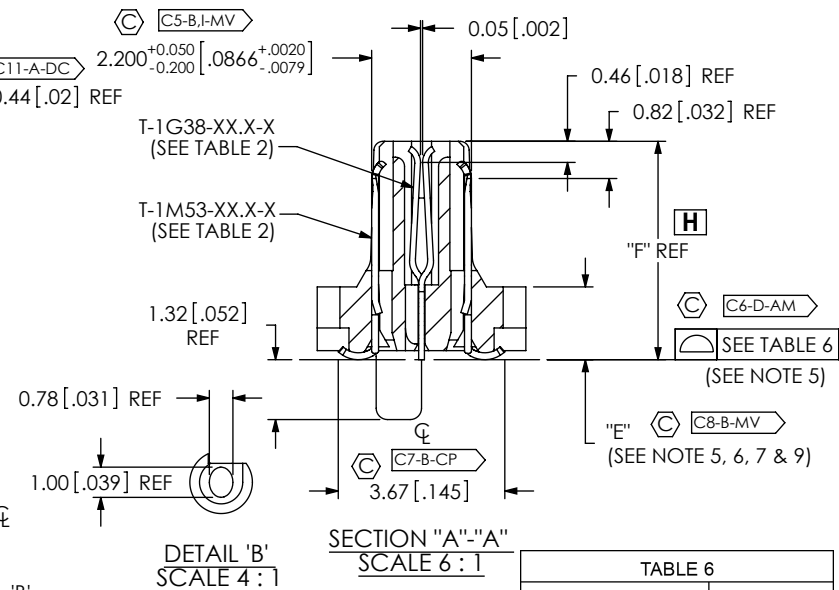


TABLE 1 REF		
STACK HEIGHT		
QRM8 LEAD STYLE	QRF8 LEAD STYLE	
	-05.0	-07.0
-02.0	7.0MM	9.0MM
-05.0	10.0MM	12.0MM
-07.0	12.0MM	14.0MM

TABLE 2						
LEAD STYLE	QRM8-XXX-XX.X-DV-XX	T-1M53-XX.X-X	T-1G38-XX.X-X	"E"	"F"	"M"
-02.0	QRM8-XXX-02.0-DV-XX	T-1M53-02.0-X	T-1G38-02.0-X	1.61 [0.063]	4.81 [0.189]	4.62 [0.182]
-05.0	QRM8-XXX-05.0-DV-XX	T-1M53-05.0-X	T-1G38-05.0-X	4.61 [0.181]	7.81 [0.307]	7.62 [0.300]
-07.0	QRM8-XXX-07.0-DV-XX	T-1M53-07.0-X	T-1G38-07.0-X	6.61 [0.260]	9.78 [0.385]	9.62 [0.379]

TABLE 3				
No OF POSITIONS	"A"	"B"	"C"	"D"
-018, -026	26.57 [1.046]	22.85 [0.900]	20.00 [0.787]	23.70 [0.933]
-036, -052	51.37 [2.022]	47.65 [1.876]	44.80 [1.764]	48.50 [1.909]
**054, **078	76.17 [2.999]	72.45 [2.852]	69.60 [2.740]	73.30 [2.886]

** = NOT AVAILABLE IN 02.0 LEAD STYLE

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[0.015] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: 1.60 N [4 LB.]; GROUND PLANE: 4.44 [1LB]
4. PARTS TO BE PACKAGED IN TRAYS, UNLESS -TR OPTION IS SPECIFIED.
5. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
6. GROUND PLANE PRESS HEIGHT MUST BE .08 [0.003] LESS THAN THE MAX HEIGHT OR .001 [0.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINAL.
7. MAX VARIANCE OF 0.05 [0.002].
8. PARTS WITH THE -GP OPTION MUST MATE TO -GP OPTIONED QRF8 PARTS AND PARTS WITH NO -GP OPTION MUST MATE TO NON -GP OPTIONED QRF8 PARTS.
9. GROUND PLANES INSERTION AIR PRESSURE TO BE SET AT 20-25 PSI.

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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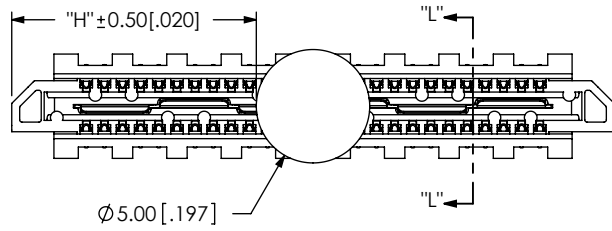
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL & GROUND PLANE: PHOS. BRZ.

DESCRIPTION:
.8MM Q-RATE TERMINAL ASSEMBLY

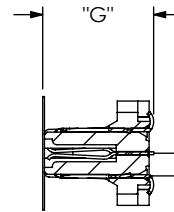
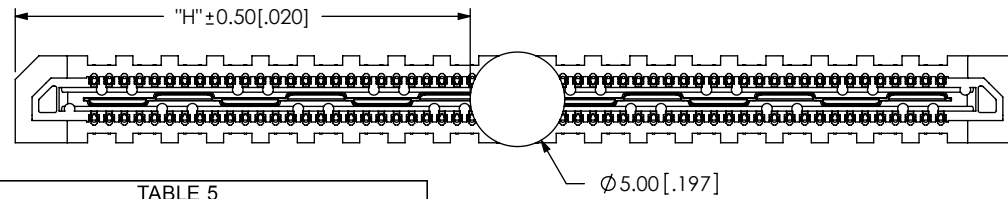
DWG. NO.
QRM8-XXX-XX.X-X-D-XX-A-XX

BY: CLAY W 8/27/2008 SHEET 1 OF 4

FIG 2
-K OPTION
(USE K-DOT-.197-.344-.005)
(QRM8-026-02.0-X-D-A-K SHOWN)



(QRM8-052-05.0-X-D-A-K SHOWN)

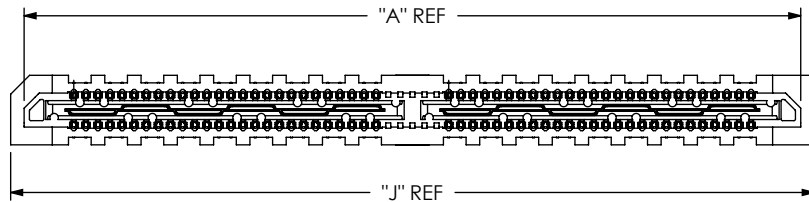


SECTION "L"-"L"
SCALE 3 : 1

LEADSTYLE	POSITION	"H"
-02.0	-018, -026	10.78 [0.424]
	-036, -052	23.18 [0.913]
	*-054, *-078	35.58 [1.401]
-02.0 W/-GP	-018, -026	12.57 [0.495]
	-036, -052	24.97 [0.983]
	-054, *-078	37.37 [1.471]
-05.0 & -07.0	-018, -026	11.68 [0.460]
-05.0 & -07.0	-036, -052	24.08 [0.948]
-05.0 & -07.0	*-054, *-078	36.48 [1.426]

* = NOT ENGINEERING APPROVED

LEAD STYLE	"G"
-02.0	4.94 [0.194]
-05.0	7.94 [0.313]
-07.0	9.94 [0.391]



POSITION	"J"
-018, -026	28.35 [1.116]
-036, -052	53.15 [2.093]
** -054, ** -078	77.95 [3.069]

** = NOT AVAILABLE IN -02.0 LEAD STYLE

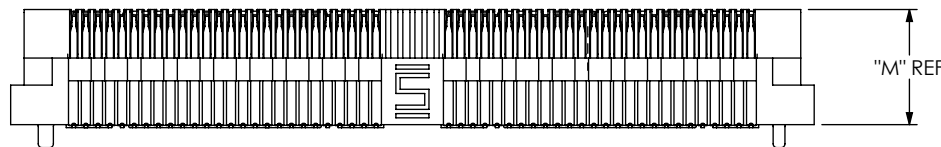
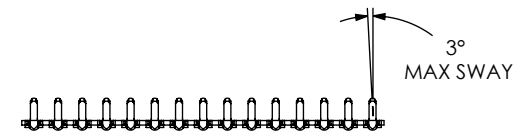


FIG 3
(QRM8-052-05.0-X-D-A SHOWN)
(SAME AS FIG 1 EXCEPT AS SHOWN)

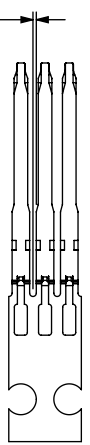
IN PROCESS 1
CUT T-1M53-XX.X-X COMBS

0.11 ± 0.076 [.004 ± .003]

C9-B-MV



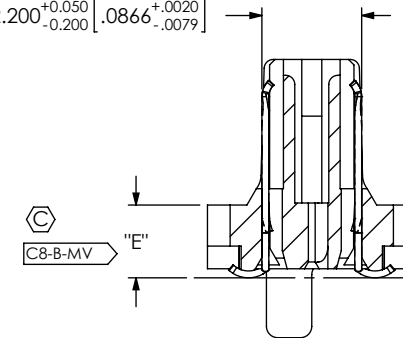
T-1M53-XX.X-X
(ALL TAILS SAME DIRECTION)



IN PROCESS 2
FILL T-1M53-XX.X-X TERMINALS

C5-B,I-MV

2.200^{+0.050}_{-0.200} [.0866^{+0.0020}_{-.0079}]



0.10 [.004]

C10-D-AM

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION
IN-PROCESS 1	C9, C11
IN-PROCESS 2	C5, C8, C10
FINISHED GOOD	C1, C2, C3, C4, C5, C6, C7, C8, C10, C11

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DWG. NO.
QRM8-XXX-XX.X-X-D-XX-A-XX

BY: CLAY W 8/27/2008 SHEET 2 OF 4

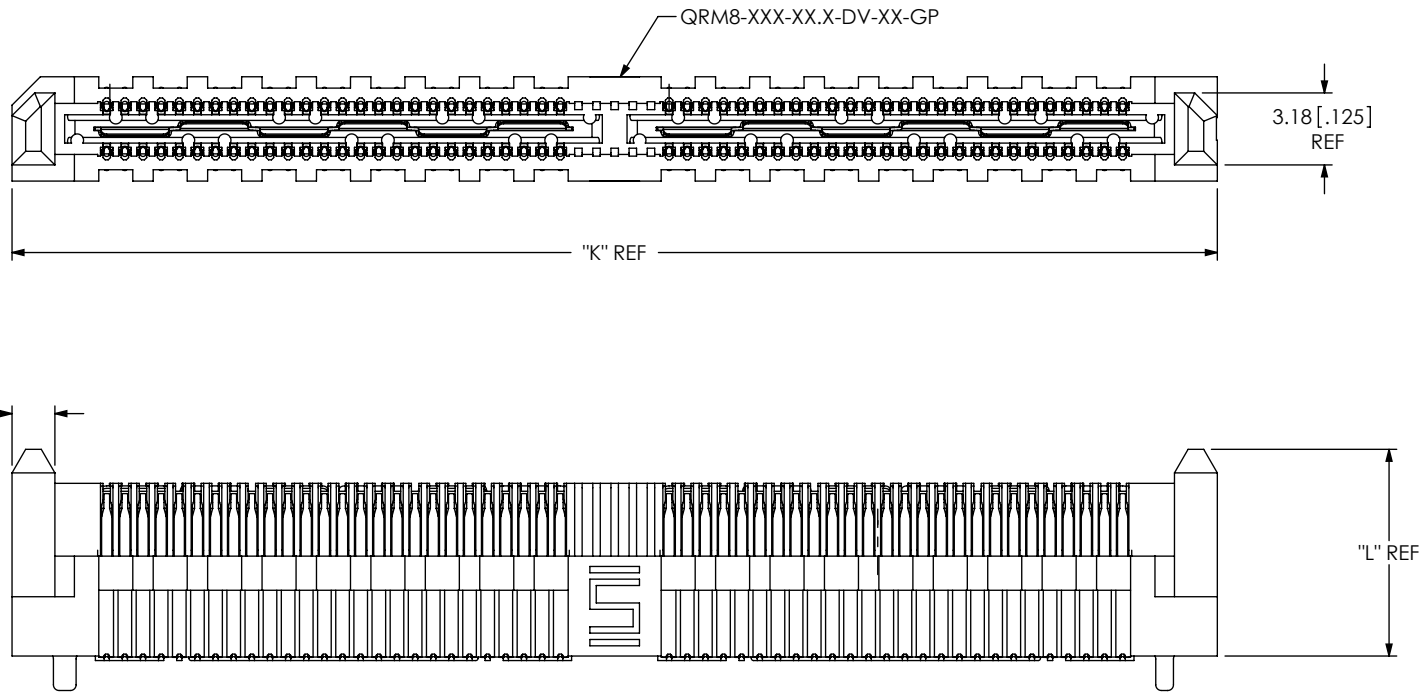


FIG 4
(QRM8-052-05.0-X-D-A-GP SHOWN)
(SAME AS FIG 2 EXCEPT AS SHOWN)

POSITION	"K"
-018, -026	28.35 [1.116]
-036, -052	53.15 [2.093]
** -054, ** -078	77.95 [3.069]

* = NOT AVAILABLE IN -02.0 LEADSTYLE

LEAD STYLE	"L"
-02.0	6.12 [0.241]
-05.0	9.12 [0.359]
-07.0	11.12 [0.438]

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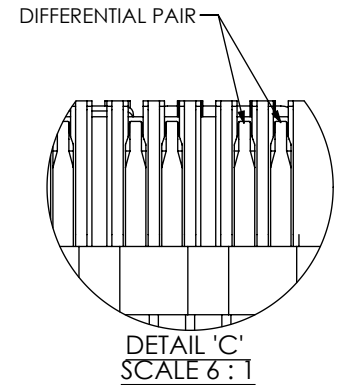
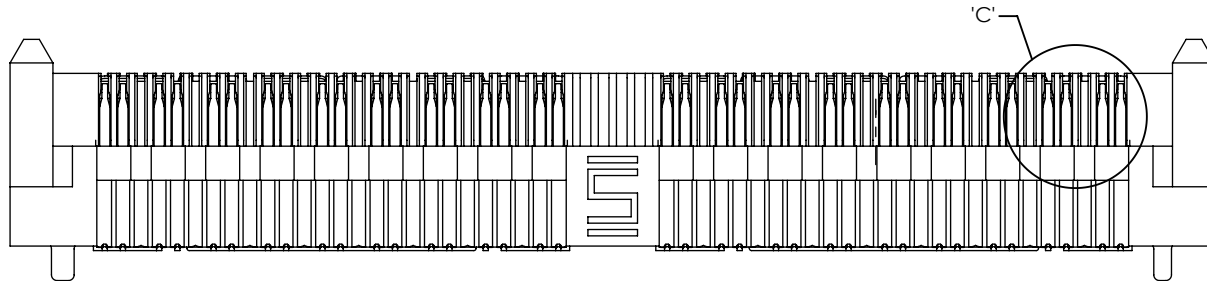
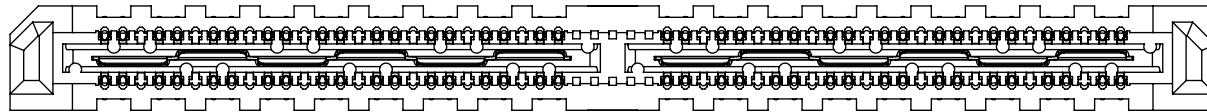
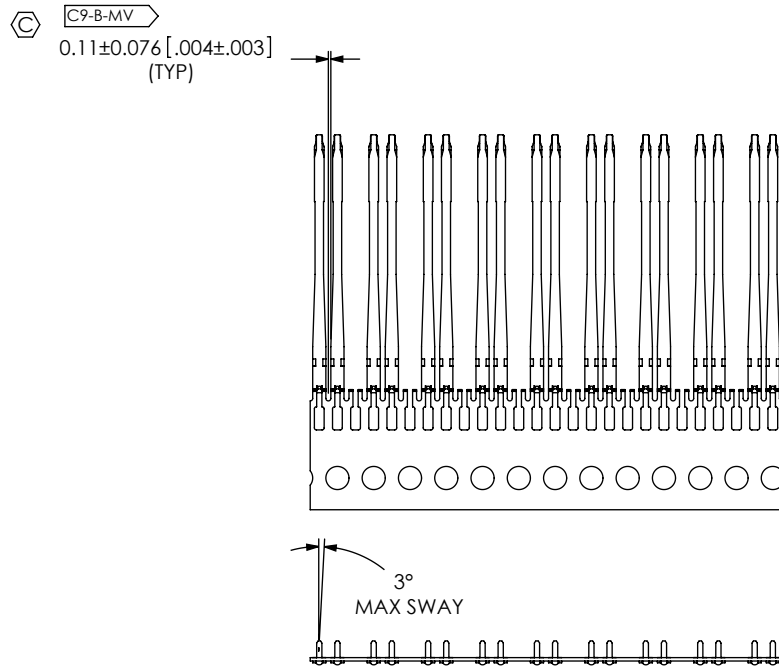


FIG 5
(QRM8-036-05.0-X-D-DP-A-GP SHOWN)
(SAME AS FIG 4 EXCEPT AS SHOWN)



IN PROCESS 3
CUT T-1M53-XX.X-X COMBS
(FOR QRM8-XXX-XX.X-D-DP-A-XX)

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