

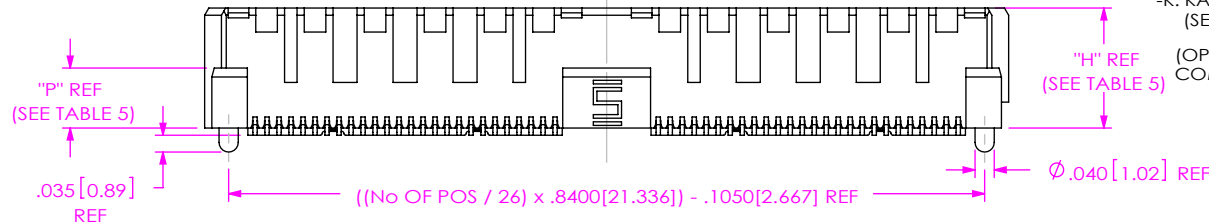
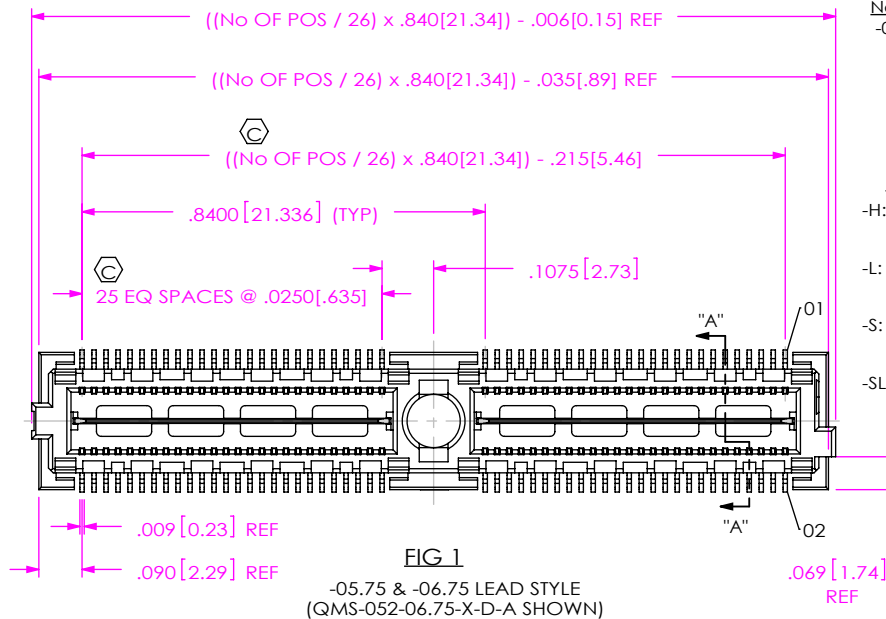
DO NOT
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TABLE 5								
LEAD STYLE	"H"	"J"	"P"	QMS BODY	QMS STACKER BODY	TERMINAL	GROUND PLANE	MATED TO QFS-XX-XX
-05.75	.212 [5.38]	.2268 [5.761]	.085 [2.16]	QMSS-26-05.75-D-XX-A	N/A	T-1M19-05.75-XX	T-1G19-05.75-L	QFS-04.25 QFS-06.25
-06.75	.250 [6.35]	.2650 [6.731]	.125 [3.18]	QMSS-26-06.75-D-XX-A	N/A	T-1M19-06.75-XX	T-1G19-06.75-L	QFS-04.25 QFS-06.25
-09.75	.368 [9.35]	.3830 [9.728]	.085 [2.16]	QMSS-26-05.75-D-XX	QTSH-26-01-D-XX-A	T-1M19-09.75-XX	T-1G19-09.75-L	QFS-04.25 QFS-06.25

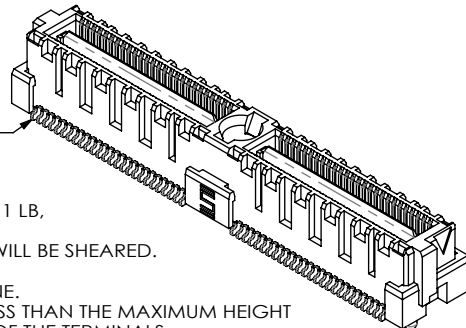
TABLE 1		
No OF POSITIONS	No OF BANKS	COPLANARITY
-026 AND -052	1 AND 2	.004[.10]
-078 THRU *-130	3 THRU 5	.006[.15]

* = NOT TOOLED

SEE NOTE 4

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: .0015
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, GROUND: 1 LB, POWER: .5 LB, RF: .5 LB.
4. ALL TERMINALS ON THE -05.75 & -06.75 LEAD STYLES WILL BE SHEARED.
5. MAXIMUM VARIANCE: .002[0.05]
6. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
7. GROUND PLANE PRESS HEIGHT MUST BE .003[0.08] LESS THAN THE MAXIMUM HEIGHT OR .001[0.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
8. PARTS TO BE PACKAGED IN TRAYS.
9. LEADSTYLES -10 AND -11 MAY BE SUBSTITUTED IN PART CALLOUT FOR -05.75 AND -06.75 ACCORDINGLY FOR EXISTING CUSTOMERS ONLY.
10. -09.75 LEAD STYLE -078 AND -104 POSITION AVAILABLE TO EXISTING CUSTOMERS ONLY.



QMS-XXX-XX.XX-XX-D-XX-XXX-XX

No OF POSITIONS (PER ROW)

-026, -052, -078, -104, * -130

LEAD STYLE (SEE NOTE 9)

-05.75 (SEE FIG 1)
-06.75 (SEE FIG 1)
**-09.75 (SEE FIG 4, SHEET 3)

PLATING SPECIFICATION

- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL. (AVAILABLE ON -05.75 & -06.75 LEAD STYLE ONLY)
- L: 10μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (AVAILABLE ON -05.75 & -06.75 LEAD STYLE ONLY)
- S: 30μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (AVAILABLE ON -09.75 LEAD STYLE ONLY)
- SL: 10μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (AVAILABLE ON -09.75 LEAD STYLE ONLY)

ROW SPECIFICATION

-D: DOUBLE

OPTION

- A: ALIGNMENT PIN
 - GP: GUIDE POSTS (SEE FIG 3, SHEET 2) (AVAILABLE ON -05.75 & -06.75 LEAD STYLES ONLY)
 - K: KAPTON PAD (SEE FIG 2, SHEET 2)
- (OPTIONS NOT AVAILABLE IN COMBINATION WITH -PXX OR -RFX)

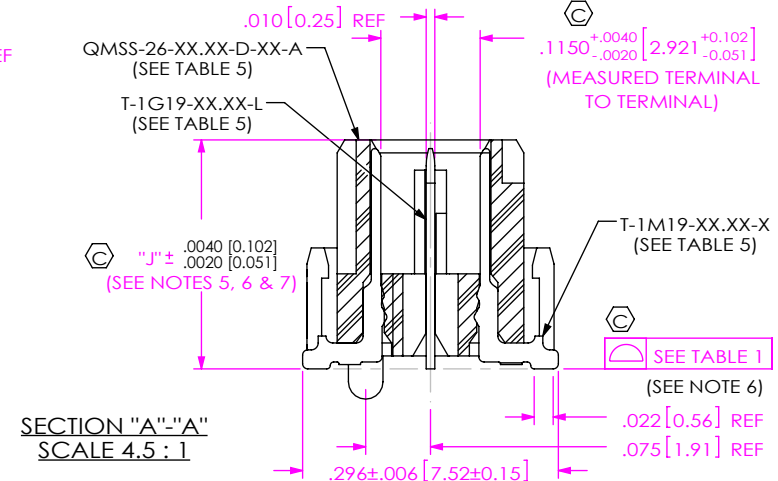
PACKAGING OPTION

-TR: TAPE & REEL PACKAGING
(-026 THRU -078 WITH NO OPTIONS)
(-026 & -052 WITH -GP, -PXX, -RF1, -RT1)
(-026 WITH RF2)

END OPTION

- PC4: POWER COMBO 4 (.062" THICK BOARD) (SEE FIG 5, SHEET 4)
 - PC8: POWER COMBO 8 (.062" THICK BOARD) (SEE FIG 5, SHEET 4)
 - PT4: POWER COMBO 4 (.093" THICK BOARD) (SEE FIG 5, SHEET 4)
 - PT8: POWER COMBO 8 (.093" THICK BOARD) (SEE FIG 5, SHEET 4)
 - RF1: 1 RF POS PER END (SEE FIG 6, SHEET 5)
 - RF2: 2 RF POS PER END (SEE FIG 7, SHEET 5)
 - RT1: 1 RT POS PER END (SEE FIG 8, SHEET 6)
- (-PXX & -RFX NOT AVAILABLE IN COMBINATION WITH -A, -GP, OR -K)
(END OPTION APPLIES TO BOTH ENDS, COMBINATIONS ARE NOT AVAILABLE)
(-PXX & -RFX AVAILABLE IN POS -026, -052, & -078 ONLY)
(-RFX & -RT1 AVAILABLE ON -05.75 LEAD STYLE ONLY)
(-RT1 AVAILABLE IN -026, -052, -078, & -104 POS WITH -A OPTION ONLY)
(-PXX AVAILABLE ON -05.75 & -06.75 LEAD STYLES ONLY)

* = NOT TOOLED
** = SEE NOTE 10

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
XX: ±.01[0.3]
XXX: ±.005[0.13]
XXXX: ±.0020[0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.4
INSULATOR: LCP, UL 94V-0; COLOR: BLACK
TERMINAL & 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:
.635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QMS-XXX-XX.XX-XX-D-XX-XXX-XX

BY: E.L.S. 10/12/2010 SHEET 1 OF 6

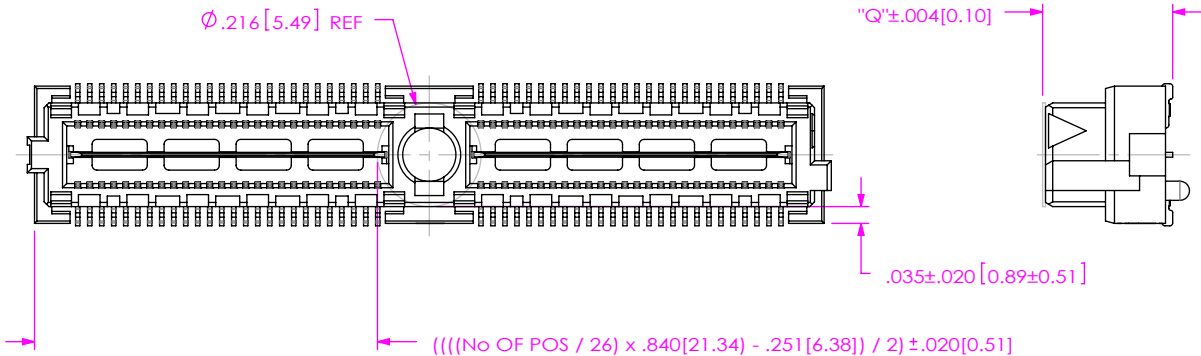
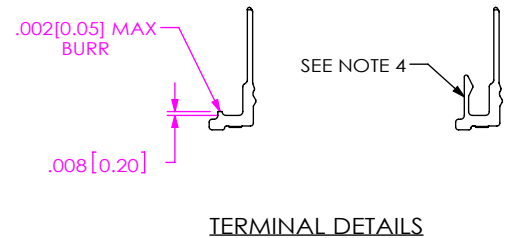
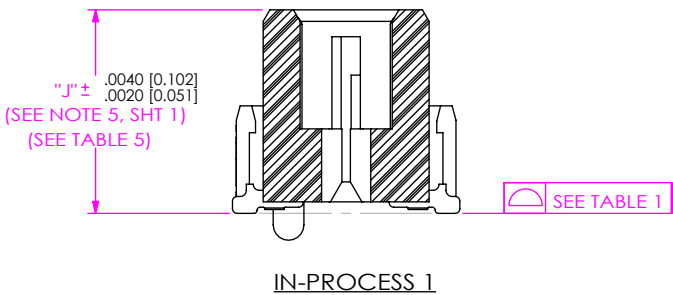


FIG 2
-K: POLYIMIDE PAD OPTION
(USE K-500-300)
(USE K-DOT-217-.313-.005 FOR -GP OPTION, NOT APPROVED
FOR VISION INTEGRATED PAD APPLICATION)
(QMS-052-06.75-X-D-A-K SHOWN)

TABLE 9	
LEAD STYLE	"Q"
-05.75	.233 [5.91]
-06.75	.271 [6.88]
-09.75	.389 [9.88]

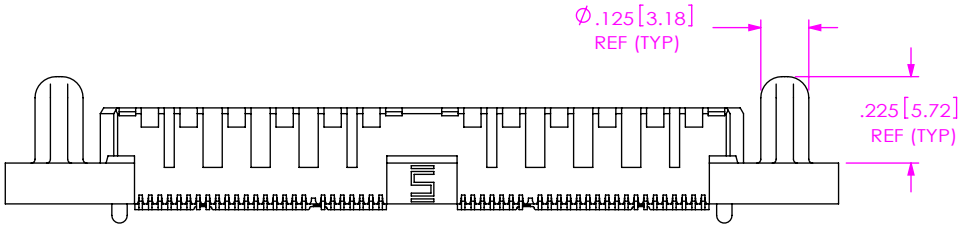
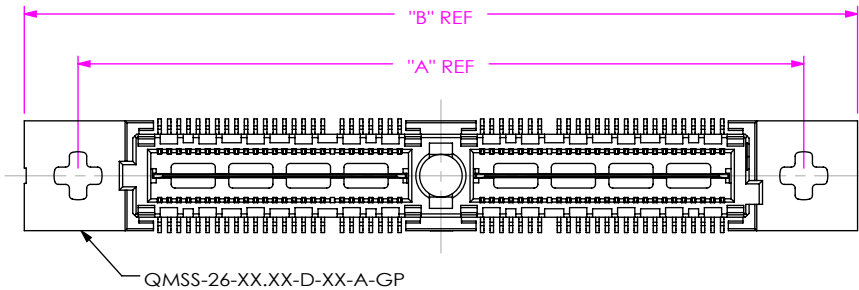


FIG 3
-GP: GUIDE POST OPTION
(QMS-052-06.75-X-D-A-GP SHOWN)
(AVAILABLE ON -05.75 & -06.75 LEAD STYLES ONLY)

TABLE 2		
ASSEMBLY	"A"	"B"
QMS-026-XX-X-D-A-GP	1.050 [26.67]	1.330 [33.78]
QMS-052-XX-X-D-A-GP	1.890 [48.00]	2.170 [55.12]
QMS-078-XX-X-D-A-GP	2.730 [69.34]	3.010 [76.45]
QMS-104-XX-X-D-A-GP	3.570 [90.68]	3.850 [97.79]
* QMS-130-XX-X-D-A-GP	4.410 [112.01]	4.690 [119.13]

* NOT TOOLED

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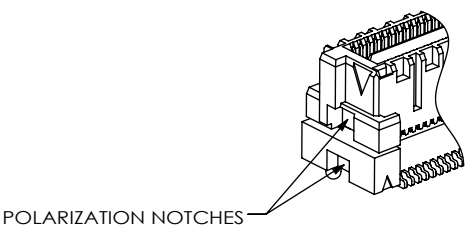
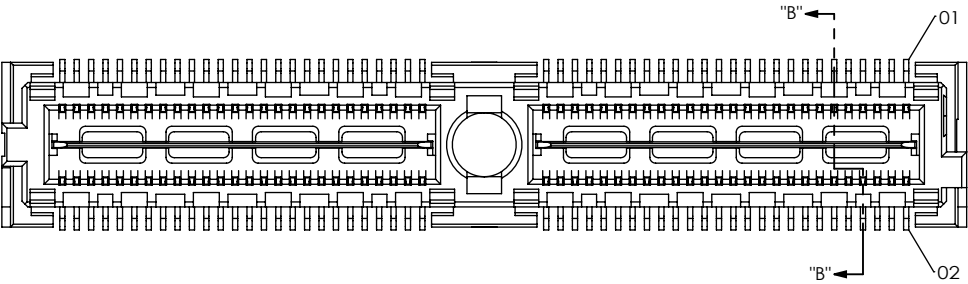


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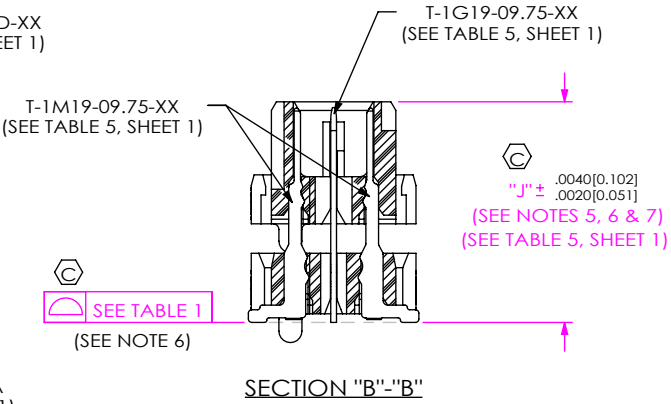
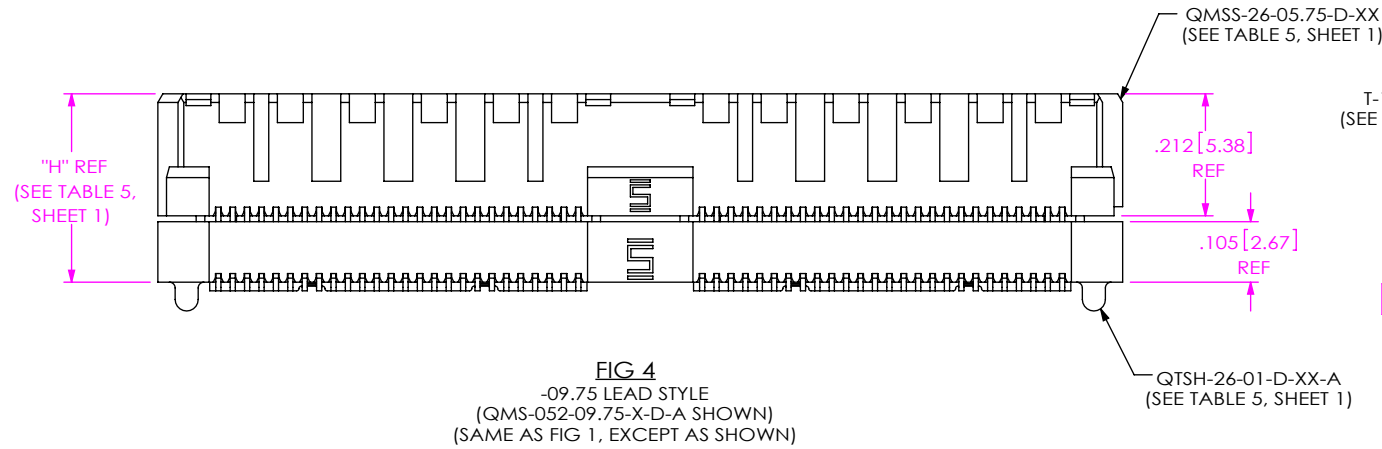
DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QMS-XXX-XX.XX-XX-D-XX-XXX-XX

BY: E.L.S. 10/12/2010 SHEET 2 OF 6



POLARIZATION NOTCHES



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SHEET SCALE: 3:1



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP
DWG. NO.
QMS-XXX-XX.XX-XX-D-XX-XXX-XX
BY: E.L.S. 10/12/2010 SHEET 3 OF 6

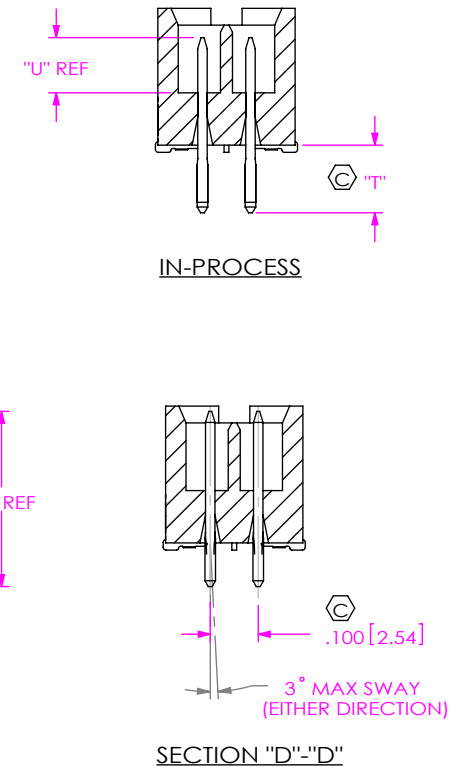
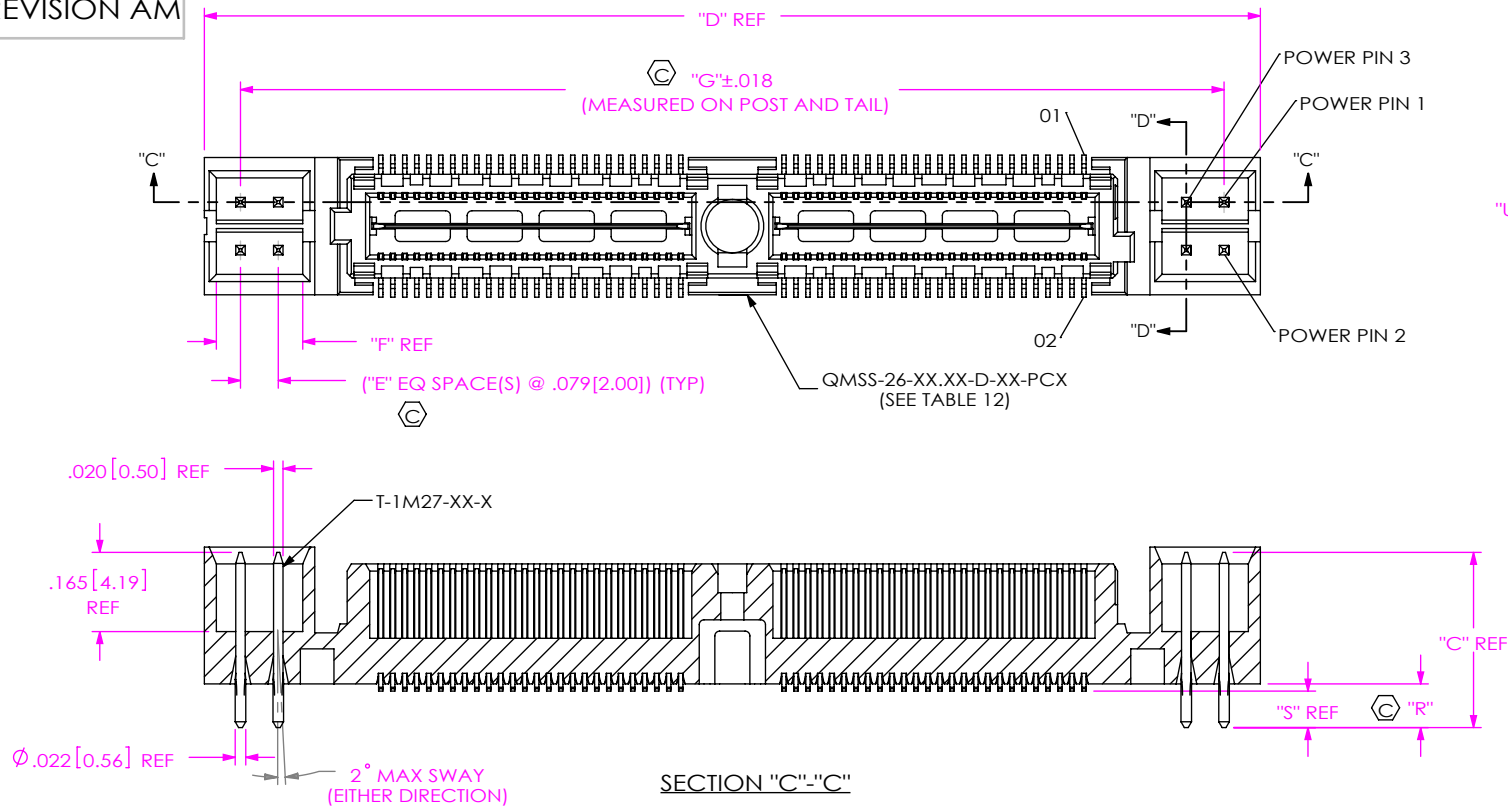


FIG 5
-PXX OPTION
POWER COMBO OPTIONS
QMS-052-06.75-X-D-PC4 SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[NOT AVAILABLE WITH -A, -GP OR -K OPTION, AVAILABLE ON LEAD STYLES -05.75 & -06.75 ONLY]
(AVAILABLE ON -026, -052 & -078 POSITIONS ONLY)

TABLE 10				
ASSEMBLY	"D"	"E"	"F"	"G"
QMS-026-XX.XX-X-D-X-PX4	1.360[34.54]	1	.180[4.57]	1.209[30.71]
QMS-026-XX.XX-X-D-X-PX8	1.675[42.55]	3	.337[8.56]	1.524[38.71]
QMS-052-XX.XX-X-D-X-PX4	2.200[55.88]	1	.180[4.57]	2.049[52.04]
QMS-052-XX.XX-X-D-X-PX8	2.515[63.88]	3	.337[8.56]	2.364[60.05]
QMS-078-XX.XX-X-D-X-PX4	3.040[77.22]	1	.180[4.57]	2.889[73.38]
QMS-078-XX.XX-X-D-X-PX8	3.355[85.22]	3	.337[8.56]	3.204[81.38]

TABLE 12		
LEAD STYLE	POWER OPTION	BODY
-06.75	PX4	QMS-26-06.75-D-XX-PC4
-06.75	PX8	QMS-26-06.75-D-XX-PC8
-05.75	PX4	QMS-26-05.75-D-XX-PC4
-05.75	PX8	QMS-26-05.75-D-XX-PC8

TABLE 11							
LEAD STYLE	POWER OPTION	TERMINAL	"C"	"R"	"S"	"T"	"U"
-06.75	PCX	T-1M27-01-S	.365[9.27]	.091[2.31]	.076[1.93]	.132[3.35]	.124[3.15]
-06.75	PTX	T-1M27-03-S	.400[10.16]	.126[3.20]	.111[2.82]	.132[3.35]	.159[4.04]
-05.75	PCX	T-1M27-02-S	.326[8.28]	.086[2.18]	.071[1.80]	.172[4.37]	.079[2.01]
-05.75	PTX	T-1M27-01-S	.365[9.27]	.125[3.18]	.110[2.79]	.172[4.37]	.118[3.00]

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP
DWG. NO.
QMS-XXX-XX.XX-XX-D-XX-XXX-XX

BY: E.L.S. 10/12/2010 SHEET 4 OF 6

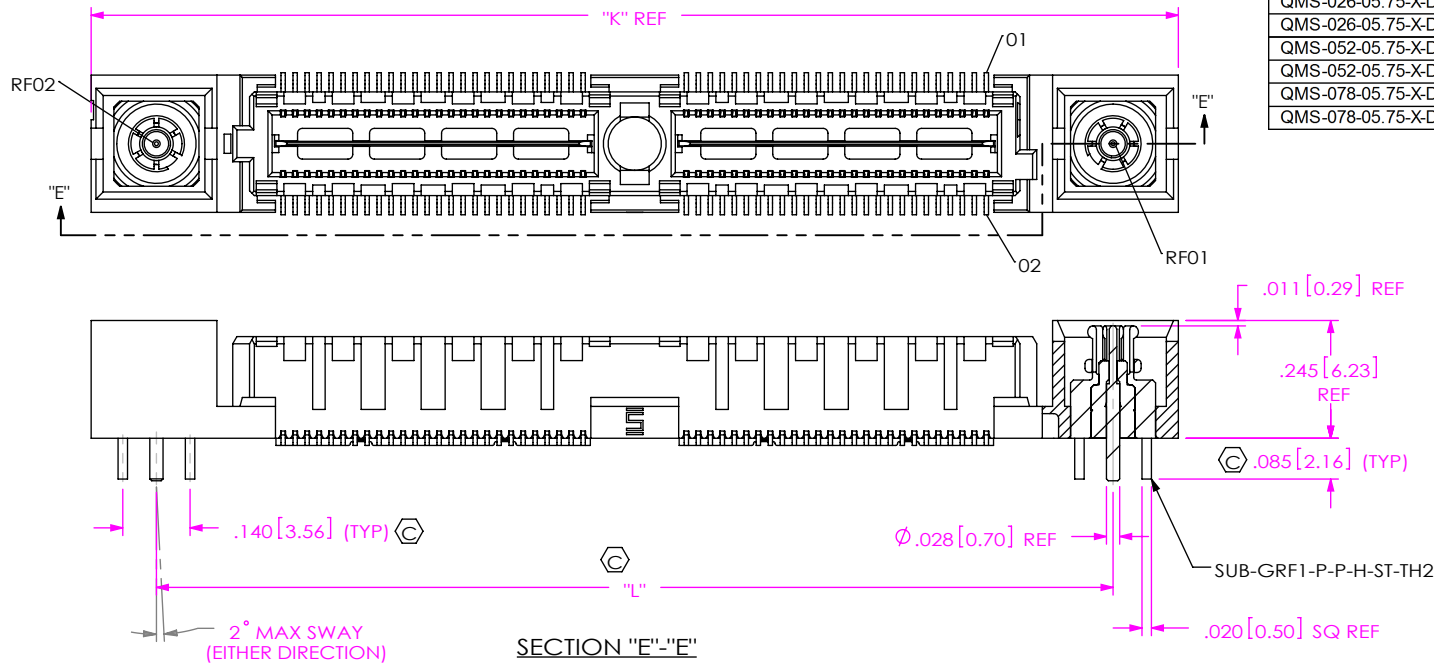
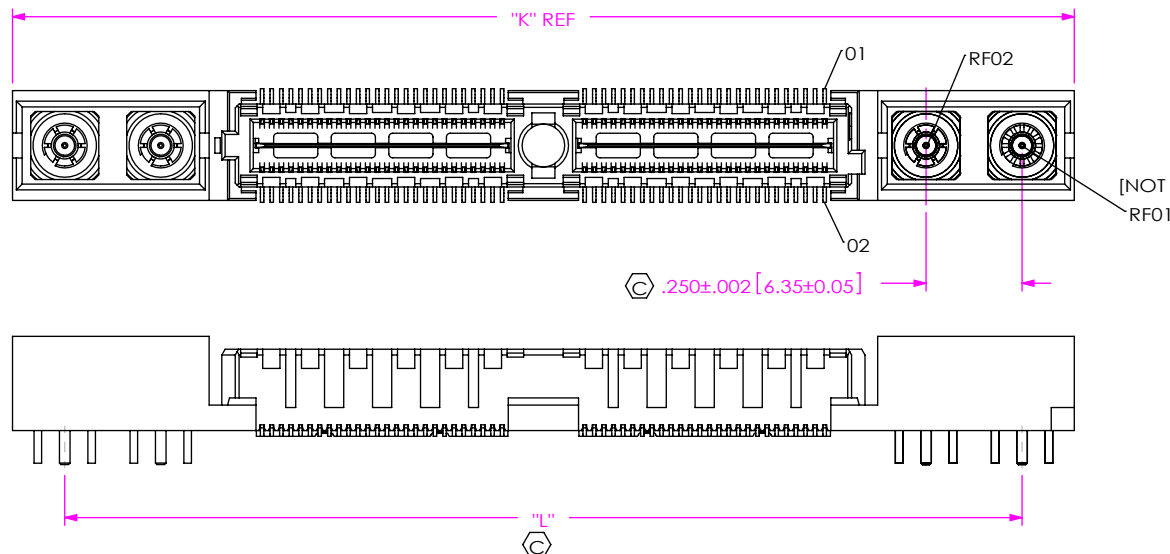


TABLE 7			
ASSEMBLY	QMS-26-05.75-D-XX-RFX	"K"	"L"
QMS-026-05.75-X-D-RF1	QMS-26-05.75-D-01-RF1	1.425[36.20]	1.153[29.29]
QMS-026-05.75-X-D-RF2	QMS-26-05.75-D-01-RF2	1.925[48.90]	1.653[41.99]
QMS-052-05.75-X-D-RF1	QMS-26-05.75-D-02-RF1	2.265[57.53]	1.993[50.62]
QMS-052-05.75-X-D-RF2	QMS-26-05.75-D-02-RF2	2.765[70.23]	2.493[63.32]
QMS-078-05.75-X-D-RF1	QMS-26-05.75-D-03-RF1	3.105[78.87]	2.833[71.96]
QMS-078-05.75-X-D-RF2	QMS-26-05.75-D-03-RF2	3.605[91.57]	3.333[84.66]



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.635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QMS-XXX-XX.XX-XX-D-XX-XXX-XX

BY: E.L.S. 10/12/2010 SHEET 5 OF 6

TABLE 8			
ASSEMBLY	QMS-26-05.75-D-XX-A-RTX	"M"	"N"
QMS-026-05.75-X-D-A-RT1	QMS-26-05.75-D-01-A-RT1	1.425[36.20]	1.153[29.29]
QMS-052-05.75-X-D-A-RT1	QMS-26-05.75-D-02-A-RT1	2.265[57.53]	1.993[50.62]
QMS-078-05.75-X-D-A-RT1	QMS-26-05.75-D-03-A-RT1	3.105[78.87]	2.833[71.96]
QMS-104-05.75-X-D-A-RT1	QMS-26-05.75-D-04-A-RT1	3.945[100.20]	3.673[93.29]

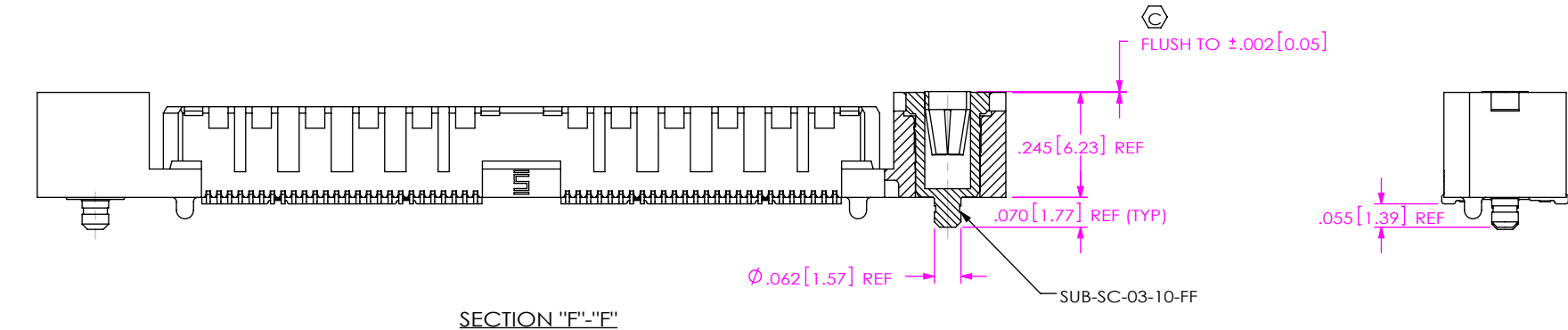
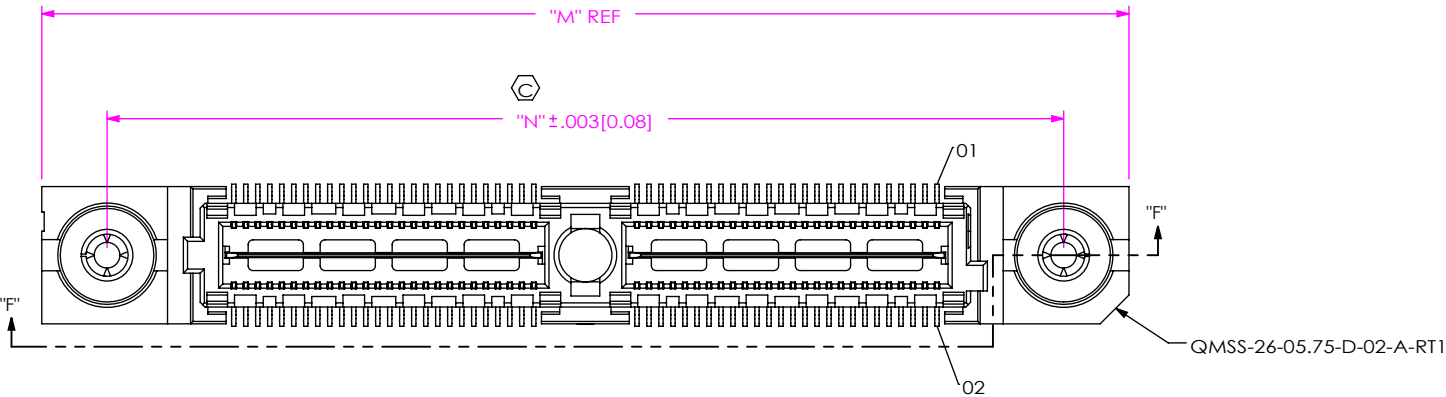


FIG 8
-RT1 OPTION
QMS-052-05.75-X-D-A-RT1 SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[NOT AVAILABLE WITH -GP, -PCX OR -RFX OPTION, AVAILABLE ON LEAD STYLE -05.75 ONLY]
(AVAILABLE ON -026, -052, -078, & -104 POSITIONS WITH -A OPTION ONLY)

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