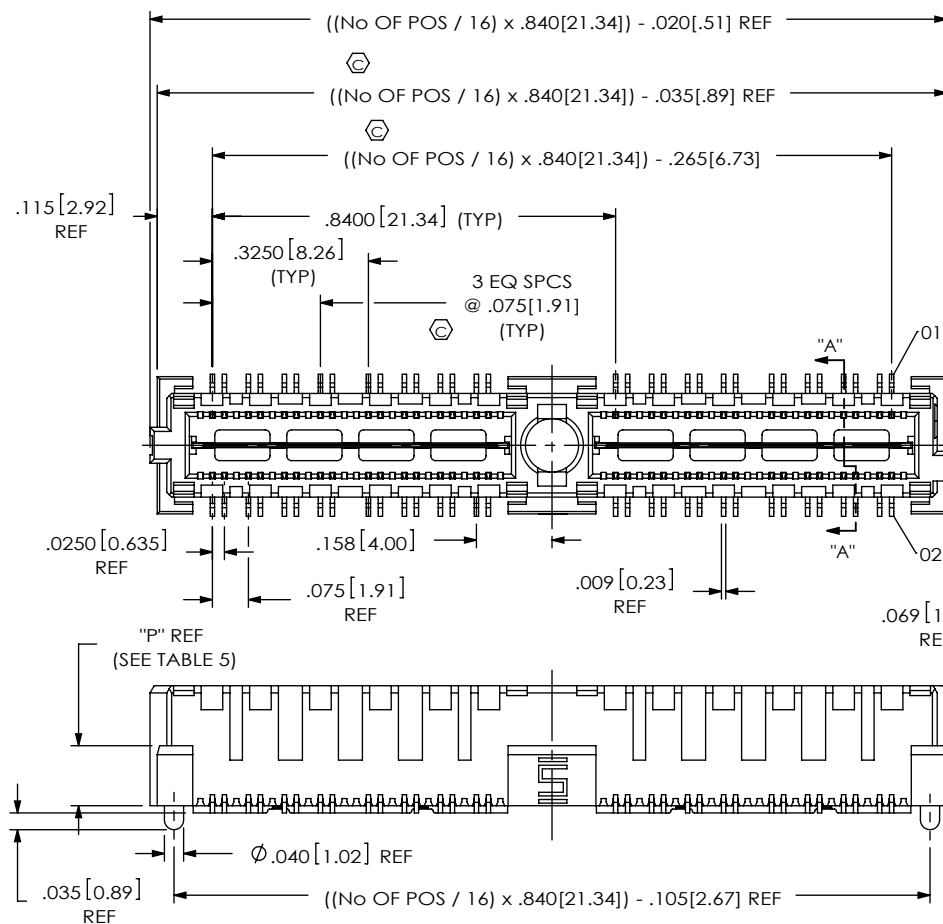


DO NOT
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QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX

No OF PAIRS (PER ROW)
-016, -032, -048, -064, *-080

LEAD STYLE

-05.75 (SEE NOTE 9)
-06.75 (SEE FIG 1)
**-09.75 (SEE FIG 4, SHEET 6)

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

-DP: DIFFERENTIAL PAIRS

OPTION

-A: ALIGNMENT PIN

PACKAGING OPTION
-TR: TAPE & REEL
(-016 THRU -048 WITH
NO OPTIONS)
(-016 & -032 WITH -GP,
-PXX, -RF1, -RT1)
(-016 WITH -RF2)

OPTION

-GP: GUIDE POSTS
(SEE FIG 3, SHEET 2)

-K: KAPTON PAD
(SEE FIG 2, SHEET 2)

-PC4: POWER COMBO 4
(.062" THICK BOARD)
(SEE FIG 5, SHEET 3)

-PC8: POWER COMBO 8
(.062" THICK BOARD)
(SEE FIG 5, SHEET 3)

-PT4: POWER COMBO 4
(.093" THICK BOARD)
(5.75 STACKER HEIGHT)
(SEE FIG 5, SHEET 3)

-PT8: POWER COMBO 8
(.093" THICK BOARD)
(SEE FIG 5, SHEET 3)

-RF1: 1 RF POS PER END
(SEE FIG 6, SHEET 4)

-RF2: 2 RF POS PER END
(SEE FIG 7, SHEET 4)

-RT1: 1 RT POS PER END
(SEE FIG 8, SHEET 5)

* = NOT TOOLED
** = SEE NOTE 10
*** = NOT RELEASED

(END OPTION APPLIES TO BOTH ENDS,
COMBINATIONS ARE NOT AVAILABLE)
(-PXX & -RFX NOT AVAILABLE IN
COMBINATION WITH -A, -GP, OR -K)
(-PXX & -RFX AVAILABLE IN POS
-016, -032, & -048 ONLY)
(-RFX & -RT1 AVAILABLE IN -05.75 LEAD
STYLE ONLY)
(-RT1 AVAILABLE IN POS -016, -032,
*** -048 & *** -064 WITH -A OPTION ONLY)

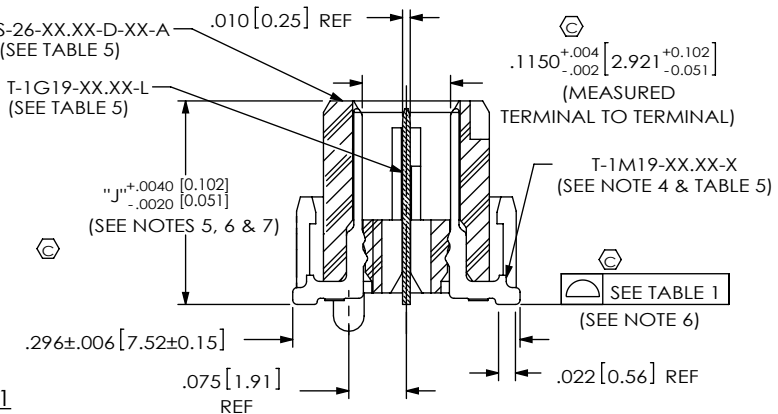
QMSS-26-XX.XX-D-XX-A
(SEE TABLE 5)T-1G19-XX.XX-L
(SEE TABLE 5)

FIG 1
-06.75 LEAD STYLE
(QMS-032-06.75-XX-D-DP-A SHOWN)

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
-016 THRU -048	1 THRU 3	.004[.10]
-064 AND *-080	4 AND 5	.006[.15]

* = NOT TOOLED

NOTES:

1. $\odot$ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015 MAX.
3. MINIMUM PUSHOUT FORCE: .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. MAX VARIANCE OF .002.
6. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
7. GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAX HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
8. PARTS TO BE PACKAGED IN TRAYS
9. LEAD STYLES -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 -048 AND -064 POSITION AVAILABLE TO EXISTING CUSTOMERS ONLY.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$ [.3] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.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

DESCRIPTION:
.635mm DIFFERENTIAL PAIRS TERMINAL STRIP

DWG. NO.

QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX

BY: BRATCHER 10-12-2010 SHEET 1 OF 6

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

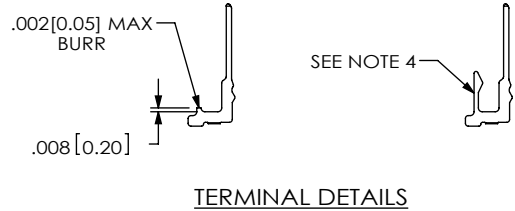
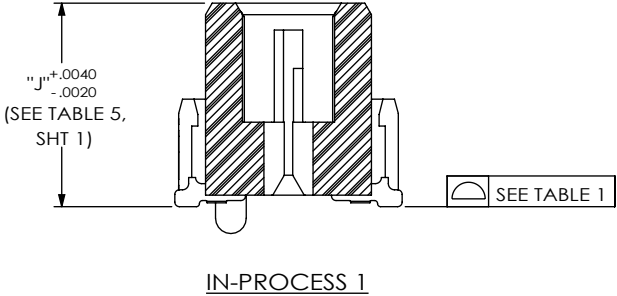


TABLE 2		
ASSEMBLY	"A"	"B"
QMS-016-XX.XX-XX-D-DP-A-GP	1.050[26.67]	1.330[33.78]
QMS-032-XX.XX-XX-D-DP-A-GP	1.890[48.00]	2.170[55.12]
QMS-048-XX.XX-XX-D-DP-A-GP	2.730[69.34]	3.010[76.45]
QMS-064-XX.XX-XX-D-DP-A-GP	3.570[90.68]	3.850[97.79]
*QMS-080-XX.XX-XX-D-DP-A-GP	4.410[112.01]	4.690[119.13]

* = NOT TOOLED

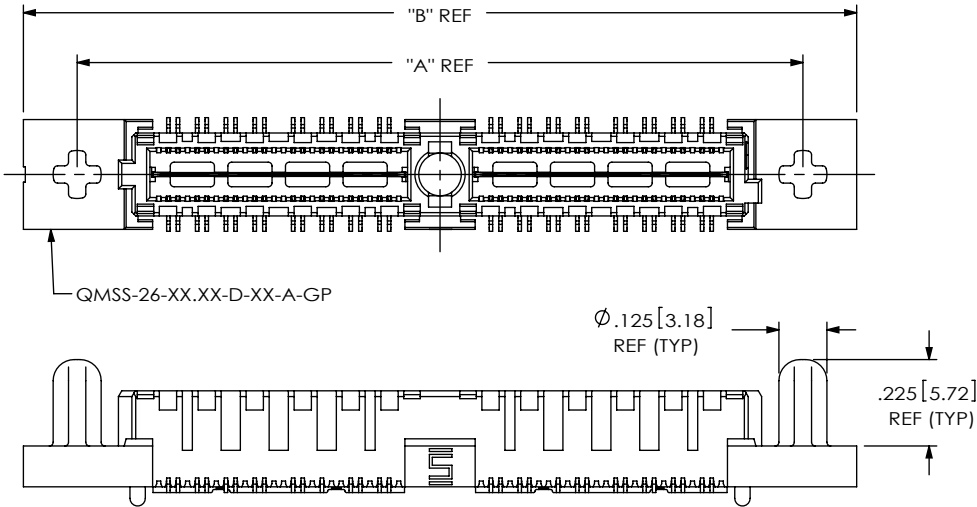


FIG 3
-GP: GUIDE POST OPTION
(QMS-032-06.75-XX-D-DP-A-GP SHOWN)
(AVAILABLE ON -.05.75 & -.06.75 LEAD STYLES ONLY)

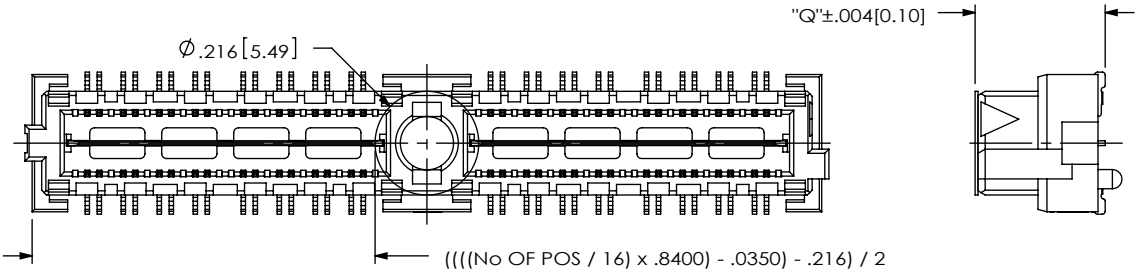


FIG 2
-K: KAPTON PAD OPTION
(USE K-500-300)
(USE K-DOT-.217-.313-.005 FOR -GP OPTION, NOT APPROVED
FOR VISION INTEGRATED KAPTON APPLICATION)
(QMS-032-06.75-XX-D-DP-A-K SHOWN)

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

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

DESCRIPTION:
.635mm DIFFERENTIAL PAIRS TERMINAL STRIP

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

BY: BRATCHER 10-12-2010 SHEET 2 OF 6

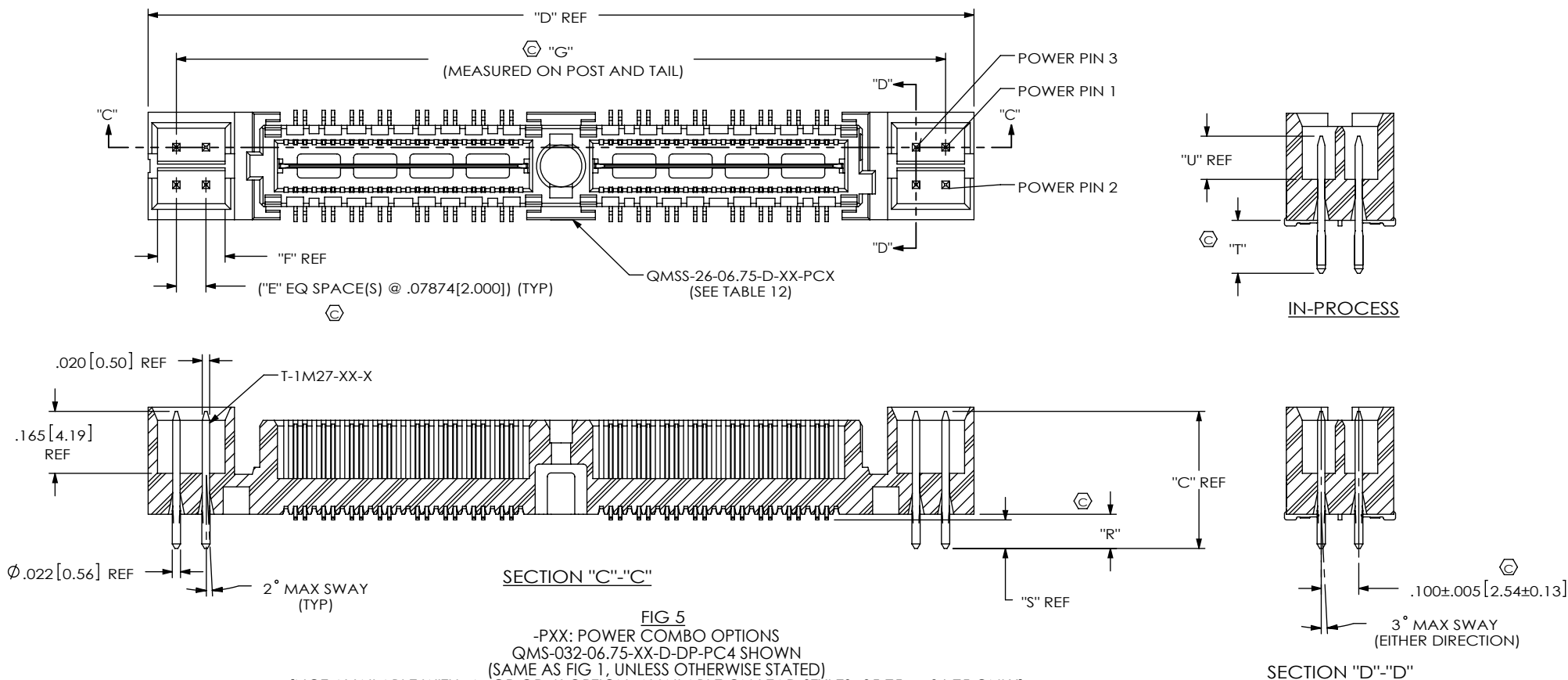


TABLE 10				
ASSEMBLY	"D"	"E"	"F"	"G"
QMS-016-XX.XX-XX-D-DP-X-PX4	1.360[34.54]	1	.180[4.57]	1.209[30.71]
QMS-016-XX.XX-XX-D-DP-X-PX8	1.675[42.55]	3	.337[8.56]	1.524[38.71]
QMS-032-XX.XX-XX-D-DP-X-PX4	2.200[55.88]	1	.180[4.57]	2.049[52.04]
QMS-032-XX.XX-XX-D-DP-X-PX8	2.515[63.88]	3	.337[8.56]	2.364[60.05]
QMS-048-XX.XX-XX-D-DP-X-PX4	3.040[77.22]	1	.180[4.57]	2.889[73.38]
QMS-048-XX.XX-XX-D-DP-X-PX8	3.355[85.22]	3	.337[8.56]	3.204[81.38]

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]

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

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	DESCRIPTION: .635mm DIFFERENTIAL PAIRS TERMINAL STRIP	
	DWG. NO. QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX	
	BY: BRATCHER 10-12-2010	SHEET 3 OF 6

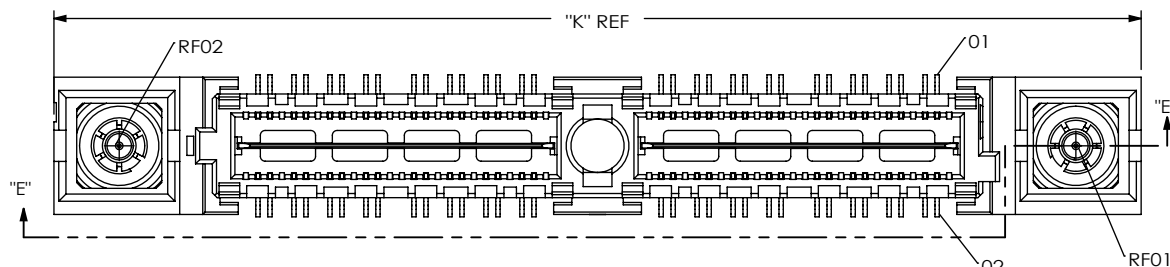
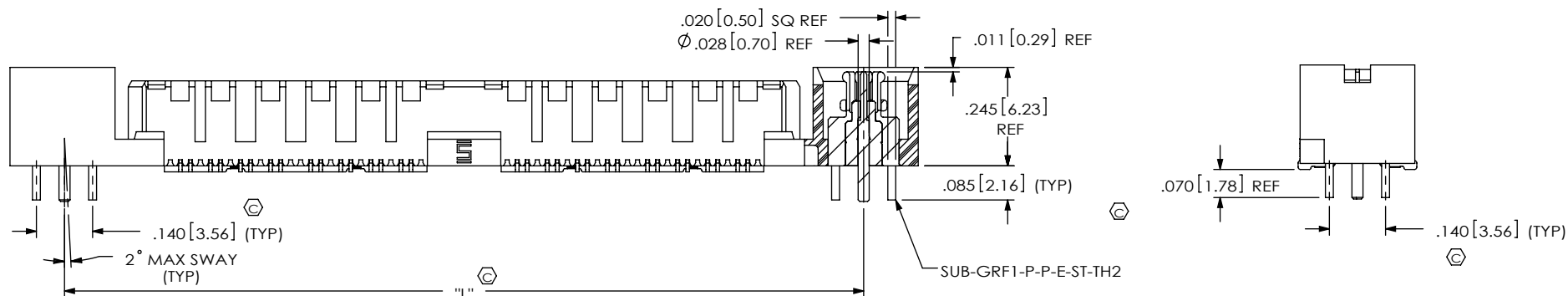


TABLE 7			
ASSEMBLY	BODY	"K"	"L"
QMS-016-05.75-XX-D-DP-RF1	QMSS-26-05.75-D-01-RF1	1.425[36.20]	1.153[29.29]
QMS-016-05.75-XX-D-DP-RF2	QMSS-26-05.75-D-01-RF2	1.925[48.90]	1.653[41.99]
QMS-032-05.75-XX-D-DP-RF1	QMSS-26-05.75-D-02-RF1	2.265[57.53]	1.993[50.62]
QMS-032-05.75-XX-D-DP-RF2	QMSS-26-05.75-D-02-RF2	2.765[70.23]	2.493[63.32]
QMS-048-05.75-XX-D-DP-RF1	QMSS-26-05.75-D-03-RF1	3.105[78.87]	2.833[71.96]
QMS-048-05.75-XX-D-DP-RF2	QMSS-26-05.75-D-03-RF2	3.605[91.57]	3.333[84.66]



SECTION "E"- "E"

FIG 6

-RF1: SINGLE RF PER END OPTION
 QMS-032-05.75-XX-D-DP-RF1 SHOWN
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)
 [NOT AVAILABLE WITH -A OR -GP OPTION, AVAILABLE ON LEAD STYLE -05.75 ONLY]
 (AVAILABLE ON -016, -032 & -048 POSITIONS ONLY)

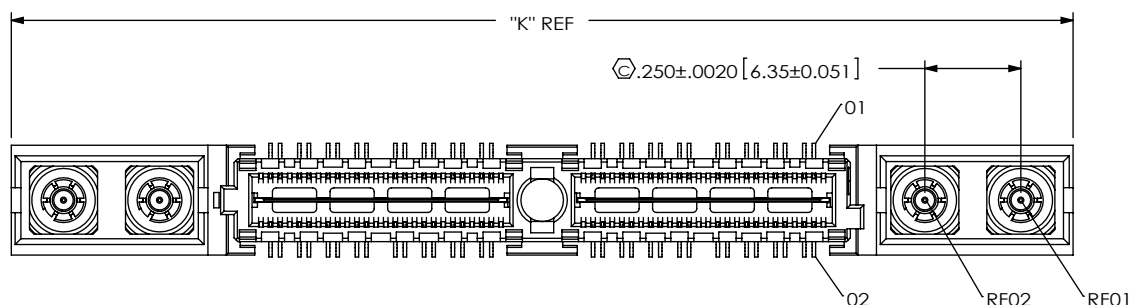
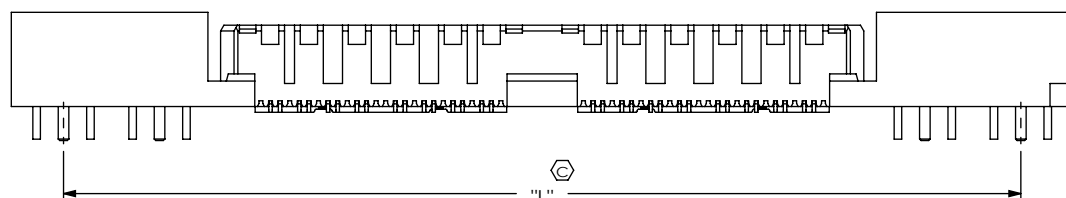


FIG 7

-RF2: DOUBLE RF PER END OPTION
 QMS-032-05.75-XX-D-DP-RF2 SHOWN
 (SAME AS FIG 6, UNLESS OTHERWISE STATED)
 [NOT AVAILABLE WITH -A OR -GP OPTION, AVAILABLE ON LEAD STYLE -05.75 ONLY]
 (AVAILABLE ON -016, -032 & -048 POSITIONS ONLY)



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

BY: BRATCHER 10-12-2010 SHEET 4 OF 6

TABLE 8			
ASSEMBLY	BODY	"M"	"N"
QMS-016-05.75-XX-D-DP-A-RT1	QMSS-26-05.75-D-01-A-RT1	1.425[36.20]	1.153[29.29]
QMS-032-05.75-XX-D-DP-A-RT1	QMSS-26-05.75-D-02-A-RT1	2.265[57.53]	1.993[50.62]
*** QMS-048-05.75-XX-D-DP-A-RT1	QMSS-26-05.75-D-03-A-RT1	3.105[78.87]	2.833[71.96]
*** QMS-064-05.75-XX-D-DP-A-RT1	QMSS-26-05.75-D-04-A-RT1	3.945[100.20]	3.673[93.29]

*** = NOT RELEASED

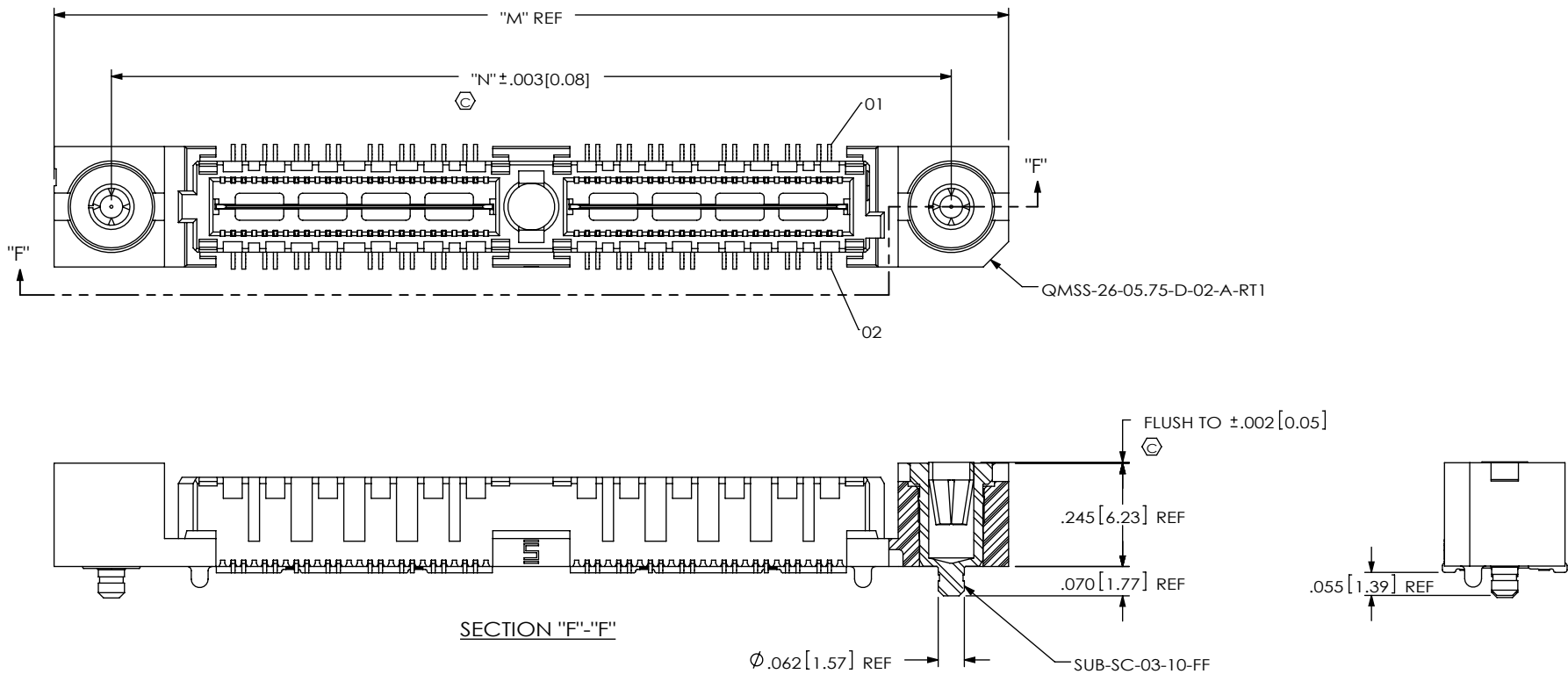


FIG 8
-RT1: RETENTION OPTION
QMS-032-05.75-XX-D-DP-A-RT1 SHOWN
(SAME AS FIG1, UNLESS OTHERWISE STATED)
[NOT AVAILABLE WITH -GP, -PCX OR -RFX OPTION, AVAILABLE ON LEAD STYLE -05.75 ONLY]
(AVAILABLE ON -016, -032, -048, & -064 POSITIONS WITH -A OPTION ONLY)

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	DESCRIPTION: .635mm DIFFERENTIAL PAIRS TERMINAL STRIP	
	DWG. NO. QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX	
BY: BRATCHER 10-12-2010		SHEET 5 OF 6

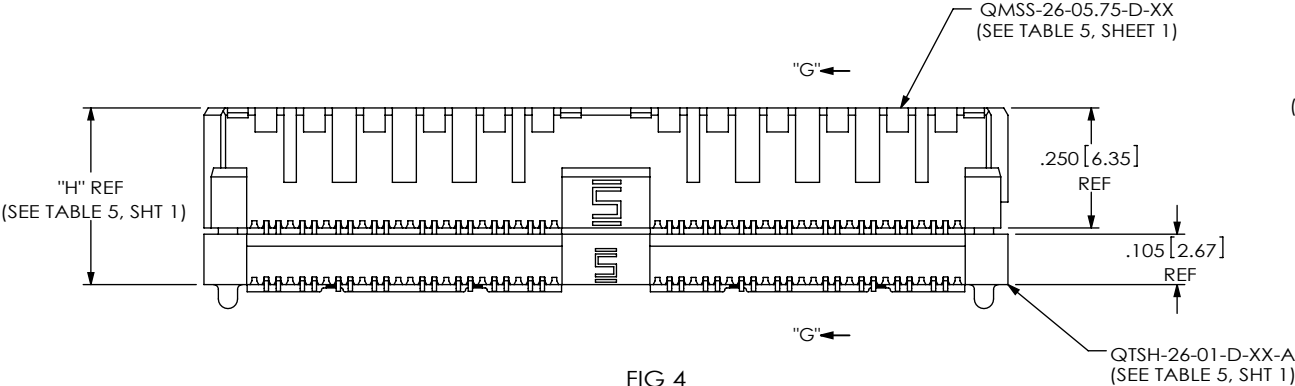
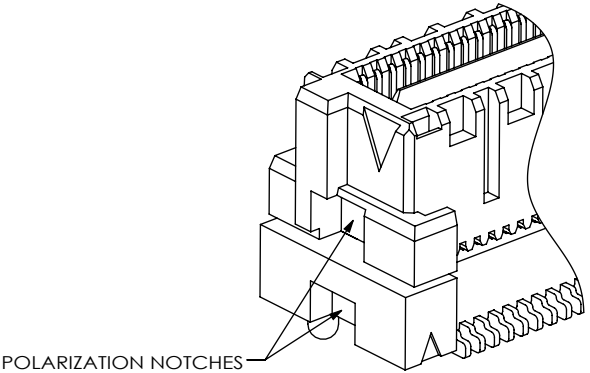
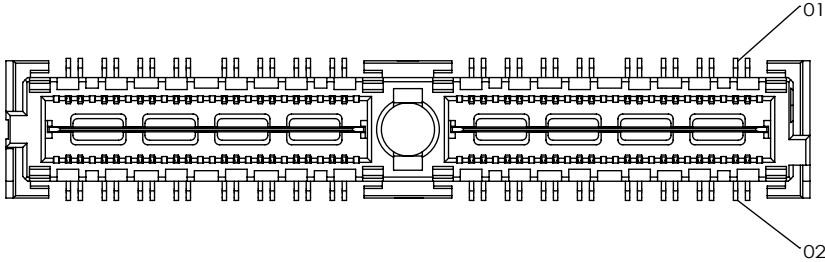
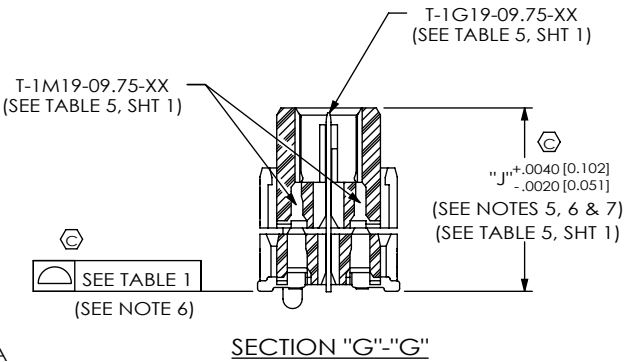


FIG 4
**-09.75 LEAD STYLE
(QMS-032-09.75-XX-D-DP-A SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)



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	DESCRIPTION: .635mm DIFFERENTIAL PAIRS TERMINAL STRIP	
	DWG. NO. QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX	
BY: BRATCHER 10-12-2010		SHEET 6 OF 6