

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

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**Some unnecessary sheets have been omitted

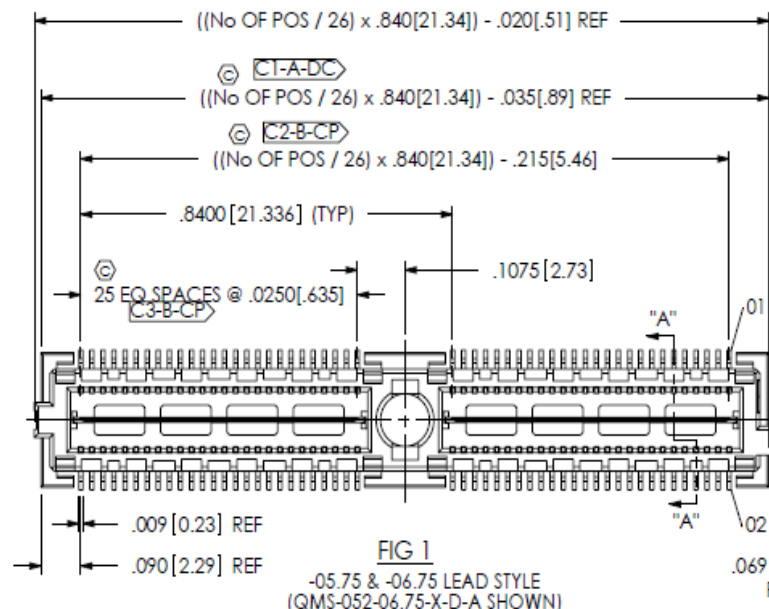


FIG 1
-05.75 & -06.75 LEAD STYLE
(QMS-052-06.75-X-D-A SHOWN)

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015 MAX.
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. 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.

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 4, SHEET 3)

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)

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [.3]	2°
.XXX: ±.005 [.13]	
.XXXX: ±.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

samtec

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

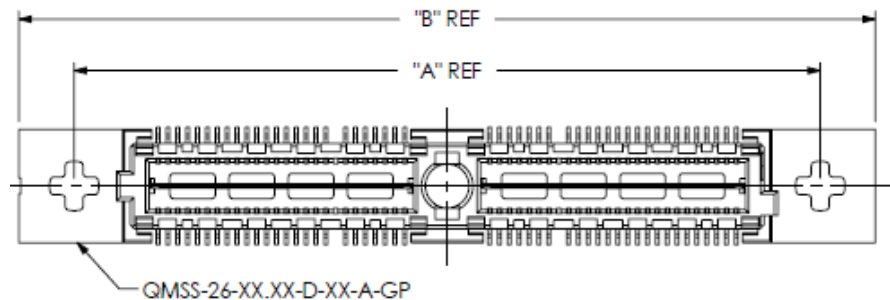


FIG 3

-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]

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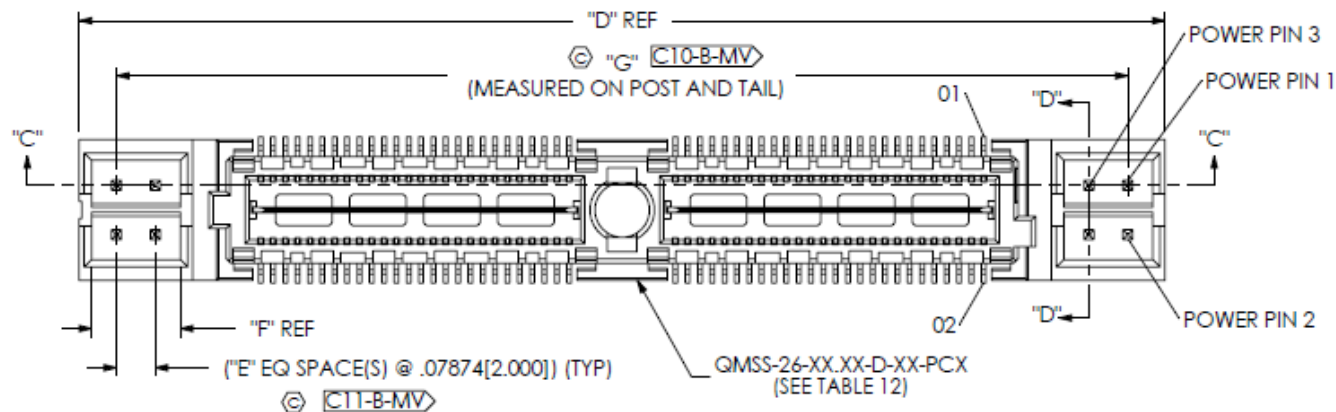


FIG 5

-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]

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

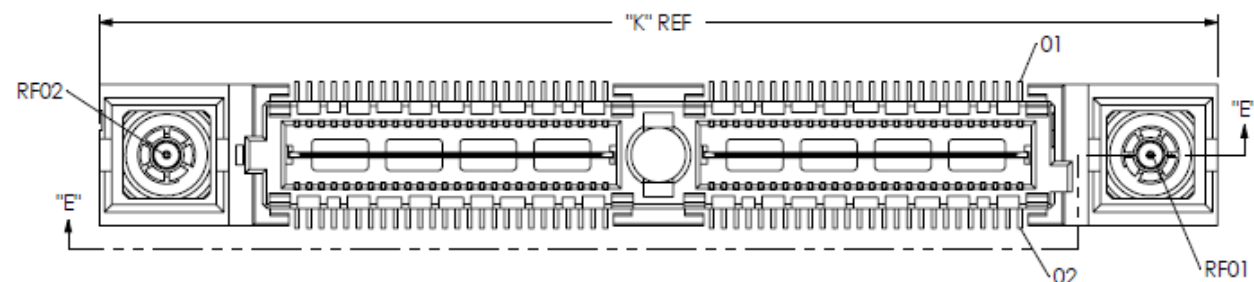


FIG 6

-RF1 OPTION

QMS-052-05.75-X-D-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 -026, -052 & -078 POSITIONS ONLY)

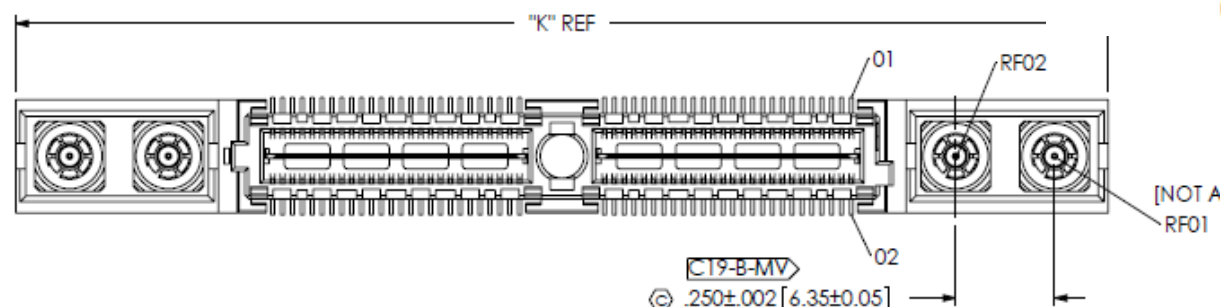


FIG 7

-RF2 OPTION

QMS-052-05.75-X-D-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 -026, -052 & -078 POSITIONS ONLY)

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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BY: E.L.S.

10-12-2010

SHEET 5 OF 6

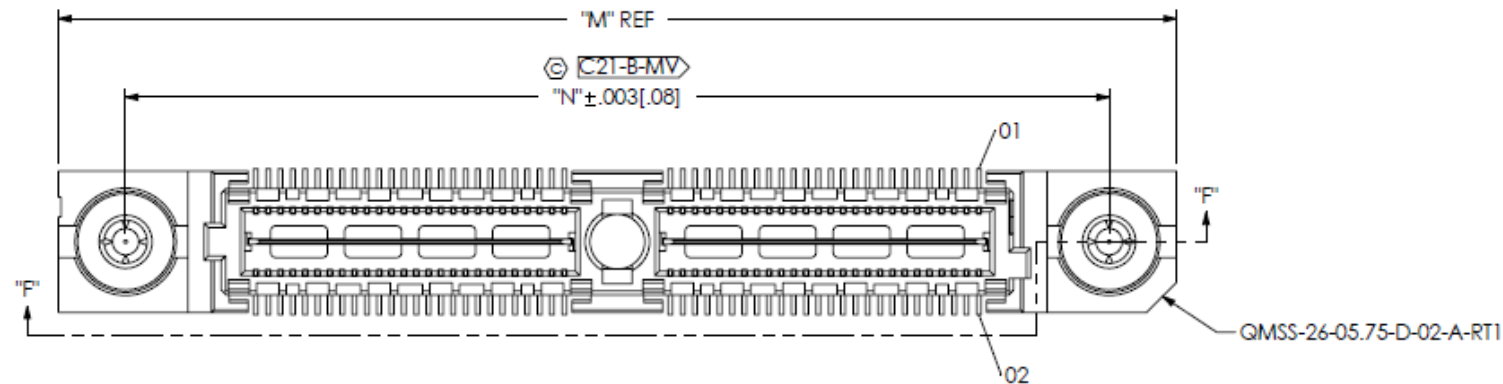


FIG 8

-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)

TABLE 8

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

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

BY: E.L.S.

10-12-2010

SHEET 6 OF 6

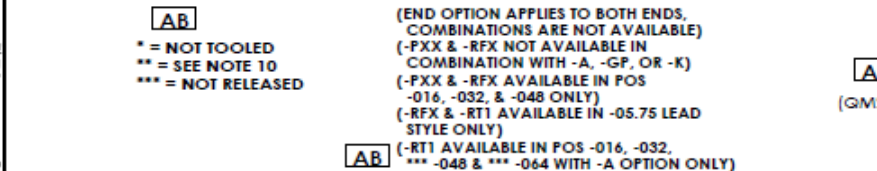
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REVISION



AB	SW	B Cooper
1/22/2014	ECN-219774	
CALL OUT NO OF PARTS OPTION: MOVE PER ROW) BEHIND IT. LEAD STYLE		
OPTION: MOVE (SEE NOTE BY REHND - 05.75, CHG *** -05.75 (SEE FIG.9, SHEET, 6)) *** -05.75 (SEE FIG.4, SHEET 6), 8) *** = SEE NOTE 10'S & *** NOT RELEASED"; CHG-RTI AVAILABLE IN POS .016-.032, *** -048 & *** -064 WITH A OPTION ONLY TO RTI-AVAILABLE IN POS .016-.032, *** -048 & *** -064 WITH A A OPTION ONLY); SECT "A":A-CB-08- C-B-CP TO C-SF-0GP, CHG QMS8-06-05- D-XKA TO QMS8-06-XX-XX-DX-KA (SEE TABLE 5), CHG T-1G18-06-75L TO T-1. 1019-XX-XXL (SEE TABLE 5), CHG T-1019-75-X TO T-1M19-XX-XX-X (SEE NOTE 4 & TABLE 5), DE. LMTED. HEIGHT WITH QFS-04-25, 433(11.0Q) REF FROM FIG1 LABEL, NOTES: CHG NOTE 10 TO *-05.75 LEAD STYLE, 048 AND -064 POSITION AVAILABLE TO EXISTING CUSTOMERS ONLY; TABLE 5 REM *** FROM 8'S ROW, DEL 5** (SEE NOTE 10)* MATERIAL BLOCK; ADD UL 8AVG TO INSULATOR, ADD CPC FREQUENCY THIS SHEET TABLE ON ALL SHITS, SHT 2-IN-PROCESS 1: CHG 2050 (SEE NOTE 5) TO *J' (SEE TABLE 5, SHT 1). TERMINAL DETAILS VIEW: CHG LEADER .02 MAX BURR TO 0202 DSD MAX BURR, SHT 3, FIG.5; CHG-RTI OPTION TO PCK-POWER COMB OPTIONS & MOVE IT BELOW FIG.5, SHT 4, FIG.6 CHG-RFI OPTION TO-RFI- SINGLE RPF PER END OPTION & MOVE IT BELOW FIG.6, FIG.7; CHG-RF2 OPTION TO RF2 DOUBLE RPF PER END OPTION & MOVE IT BELOW FIG.7, SHT 5; CHG- RT1 OPTION TO RT1: RETENTION OPTION & MOVE IT BELOW FIG.8; TABLE 6, CHG *** -05.75-XKD-DP-A-RT1 TO *** QMS-048-05-75-XKD-DP-A-RT1, ** QMS-064-05-75-XKD-DP-A-RT1, ** QMS-064-05-75-XKD-DP-A-RT1, CHG *** = NOT RELEASED" TO *** = NOT RELEASED"; SHT 5, CHG FIG.9 TO FIG.4, CHG SAME AS FIG.1, *** TO SAME AS FIG.1, SHT "B": CHG C-B,C-P TO C-B-F-GP, C-SB-C-CP TO C-B-C-CP, CPC TABLE, DEL START-UP INSPECTION INSPECT CODE A COLUMN: -.05.75, - 05.75, -.05.75 ROW; SET C-1, -.05.75 / FILL SUB-GRIP I-P-H-IN-ST-HC ROW; ADD C18, -.05.75 / FILL SUB-SC-03-10FF ROW, CHG C21, C22 TO C18 & C19.		



1.  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015 MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, GROUND: 1 LB,
POWER: .5 LB, RF: .5 LB.
4. ALL TERMINALS ON THE -.0575 & -.0675 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 -.0575
AND -.0675 ACCORDINGLY FOR EXISTING CUSTOMERS ONLY.
10. -.0975 LEAD STYLE -.048 AND -.064 POSITION AVAILABLE TO EXISTING CUSTOMERS ONLY.

(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 & ***-054 WITH -A OPTION ONLY)

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

CPC FREQUENCY THIS SHEET		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES XXX: ±.01 [3] XXXX: ±.005 [13] XXXXX: ±.0020 [35]		<u>PROPRIETARY NOTE</u> THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.		 620 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 317-944-6755 FAX: 317-940-5047 e-Mail: info@SAMTEC.com code: 56322	
A	C1						
B	C2, C3, C4, C5						
C		MATERIAL: DO NOT SCALE DRAWING INSULATOR: LCP, UL 94V-0 COLOR: BLACK TERMINAL & GROUND PLANE: PHOS BRONZE		SHEET SCALE: 1:0.4 		DESCRIPTION: .635mm DIFFERENTIAL PAIRS TERMINAL STRIP DWG. NO. QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX	
D						BY: BRATCHER 10-12-2010 SHEET 1 OF 6	

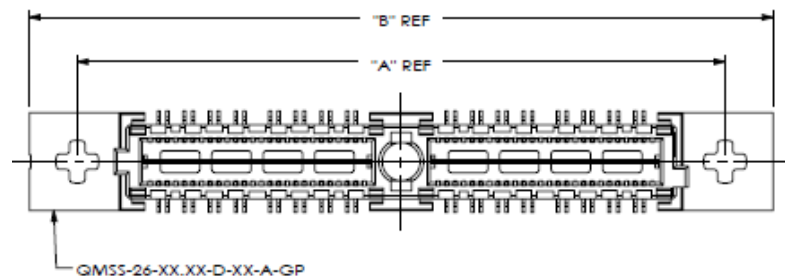


FIG 3

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

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

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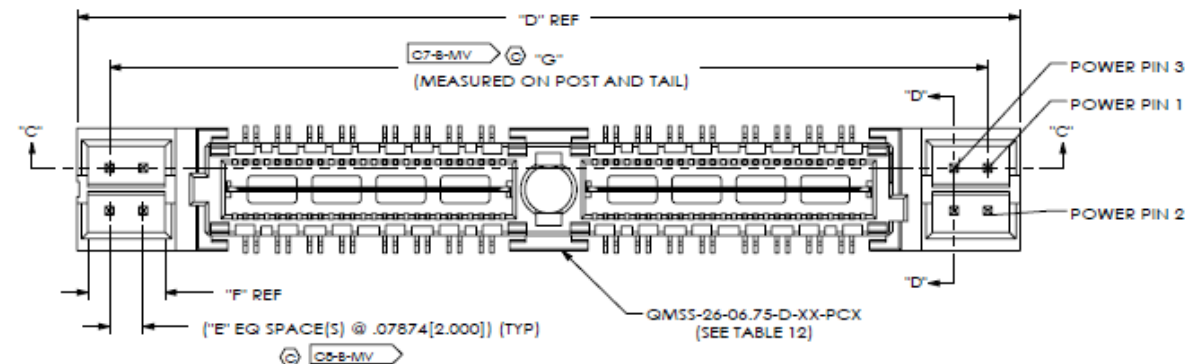
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DESCRIPTION:
.035mm DIFFERENTIAL PAIRS TERMINAL STRIP

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

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



(TYP)

FIG. 5 AB

-PXX: POWER COMBO OPTIONS
QMS-032-06.75-XX-D-DP-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 -016, -032 & -048 POSITIONS ONLY]

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]

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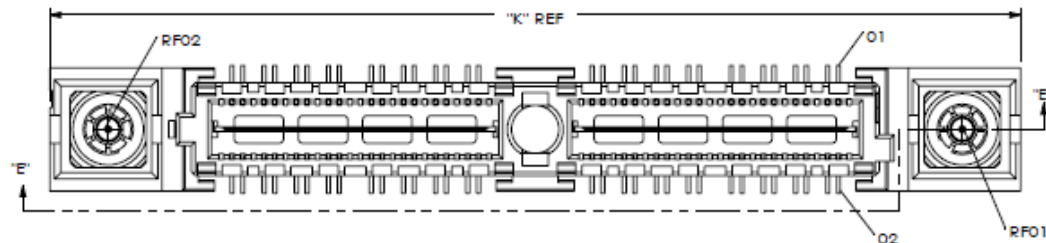
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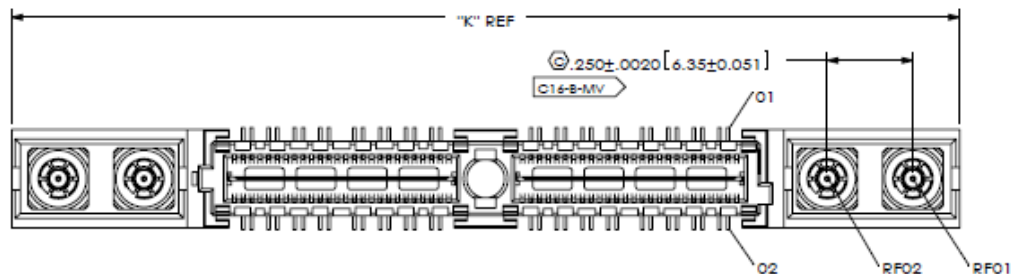
DWG. NO.
QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX

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FIG 6 **AB**

(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)

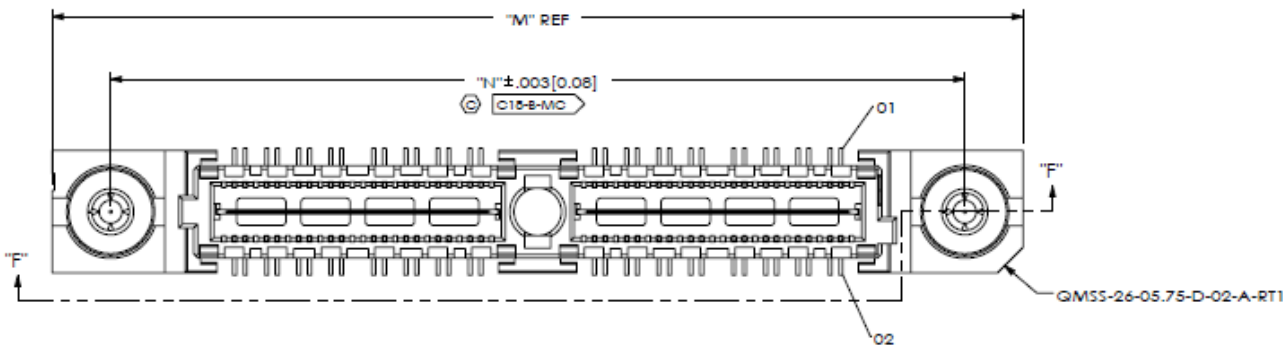


-RF2: DOUBLE RF PER END OPTION
QMS-032-05.75-XX-D-DP-RF2 SHOWN

[NOT AVAILABLE WITH -A OR -GP OPTION, AVAILABLE ON LEAD STYLE -05.75 ONLY]
(AVAILABLE ON -016, -032 & -048 POSITIONS ONLY)

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]

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A		DO NOT SCALE DRAWING SHEET SCALE: 1:0.4		DESCRIPTION: .635mm DIFFERENTIAL PAIRS TERMINAL STRIP	
B	C12, C13, C14, C15, C16, C17			DWG. NO. QMS-XXX-XX.XX-XX-D-DP-X-XXX-XX	
C				BY: BRATCHER 10-12-2010	
D				SHEET 4 OF 6	



AB

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]

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

CPC
FREQUENCY
THIS SHEET

A

B C18, C19

C

D

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DESCRIPTION:
.635mm DIFFERENTIAL PAIRS TERMINAL STRIP

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

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