



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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DO NOT SCALE FROM THIS PRINT

QMSS-XXX-XX.XX-X-D-DP-X-XXX-XX

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

LEAD STYLE
 -06.75 (SEE FIG 1, SEE NOTE 9)

PLATING SPECIFICATION
 -L: 10µ" LIGHT GOLD IN CONTACT AREA
 MATTE TIN ON TAIL (USE T-1M19-06.75-L)
 -H: 30µ" HEAVY GOLD IN CONTACT AREA
 3µ" GOLD ON TAIL (USE T-1M19-06.75-H)
 (ALL PLATING STYLES USE
 SH1-XX-L & T-1G19-06.75-L)

ROW SPECIFICATION
 -D: DOUBLE
 -DP: DIFFERENTIAL PAIRS
 SEE FIG 1 FOR SHIELD BEAM CONFIGURATION

OPTION
 ** -A: ALIGNMENT PIN

PACKAGING OPTION
 -TR: TAPE & REEL
 (-016 THRU -048 WITHOUT OPTIONS
 -GP OR -PXX, -016 THRU -032 WITH
 OPTIONS -GP OR -PXX)

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 4, SHEET 3)
 -PC8: POWER COMBO 8 (.062" THICK BOARD)
 (SEE FIG 4, SHEET 3)
 -PT4: POWER COMBO 4 (.093" THICK BOARD)
 (SEE FIG 4, SHEET 3)
 -PT8: POWER COMBO 8 (.093" THICK BOARD)
 (SEE FIG 4, SHEET 3)
**[-PXX NOT AVAILABLE WITH -GP, -A, -K]
 [-PXX AVAILABLE ON POSITIONS
 -016, -032 & -048 ONLY AND ON
 LEAD STYLE -06.75 ONLY]**

* = NOT TOOLED
 ** = NOT AVAILABLE WITH PXX OPTION

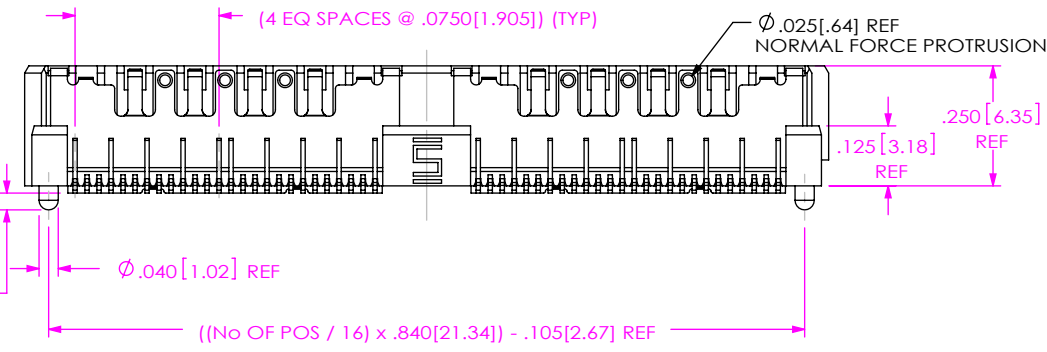
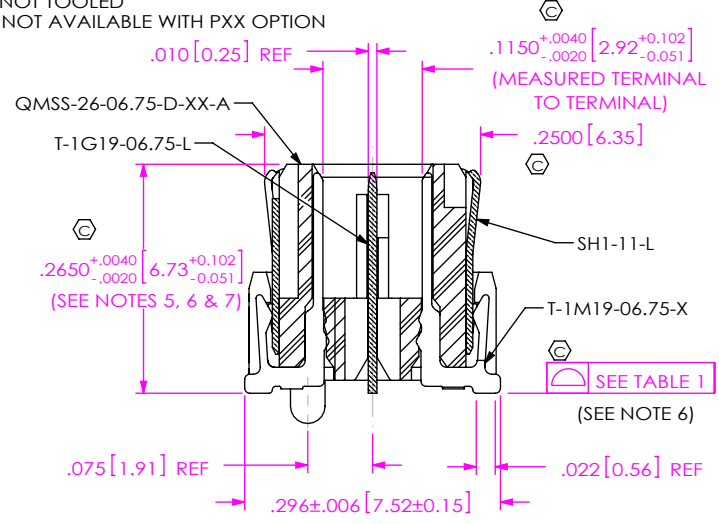
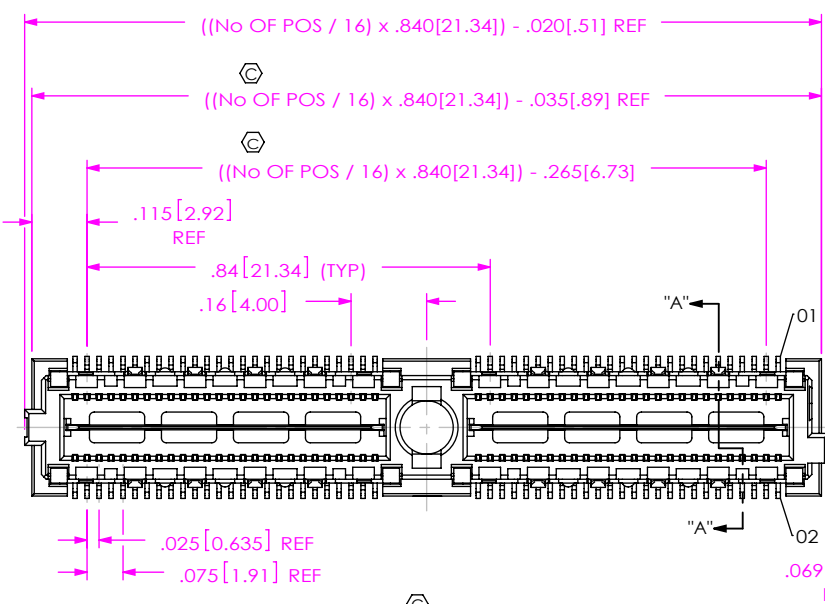


FIG 1
 -06.75 LEAD STYLE
 (QMSS-032-06.75-X-D-DP-A SHOWN)
 (MATED HEIGHT WITH QFSS-04.25: .433 [11.00] REF)

SECTION "A"- "A"
 SCALE 4.5 : 1

PATENT NUMBERS
 6739884/ 7165994
 7121849

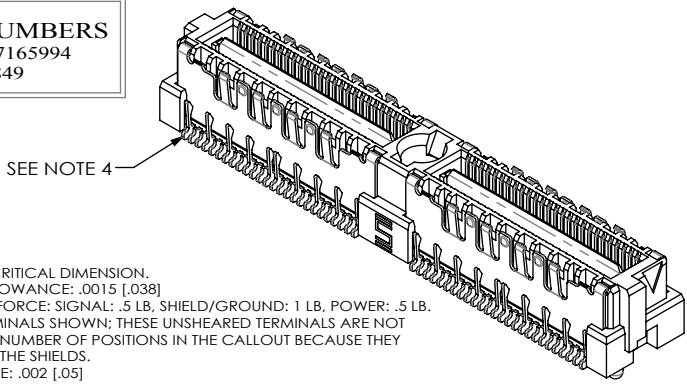


TABLE 1		
No OF PAIRS	No OF BANKS	COPLANARITY
-016 THRU -048	1 THRU 3	.004[.10]
-064 AND -080	4 AND 5	.006[.15]

- NOTES:
1. Ⓞ REPRESENTS A CRITICAL DIMENSION.
 2. MAXIMUM BURR ALLOWANCE: .0015 [.038]
 3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB. SHIELD/GROUND: 1 LB. POWER: .5 LB.
 4. DO NOT SHEAR TERMINALS SHOWN; THESE UNSHEARED TERMINALS ARE NOT CONSIDERED IN THE NUMBER OF POSITIONS IN THE CALLOUT BECAUSE THEY ARE GROUNDED TO THE SHIELDS.
 5. MAXIMUM VARIANCE: .002 [.05]
 6. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
 7. GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAXIMUM HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
 8. PARTS TO BE PACKAGED IN TRAYS AS STANDARD.
 9. LEADSTYLE -11 MAY BE SUBSTITUTED IN PART CALLOUT FOR -06.75 FOR EXISTING CUSTOMERS ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.005 [.13]
 .XXXX: ±.0020 [.051]

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
 INSULATOR: LCP, COLOR: BLACK
 TERMINAL, GROUND PLANE, & SHIELD: PHOS BRONZE

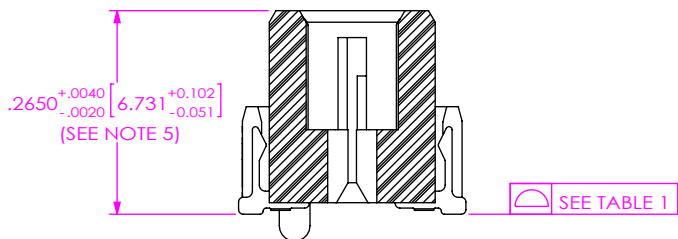
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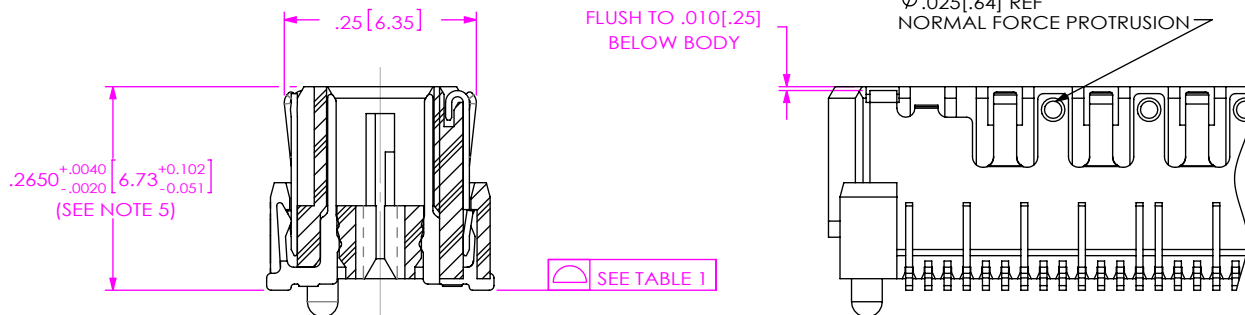
520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 .635mm DIFFERENTIAL PAIRS SHIELDED TERMINAL STRIP
 DWG. NO.
QMSS-XXX-XX.XX-X-D-DP-X-XXX-XX
 BY: BRATCHER 08/12/03 SHEET 1 OF 3

IN-PROCESS 1



IN-PROCESS 2



TERMINAL DETAILS

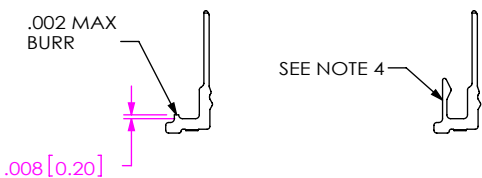


FIG 3

-GP: GUIDE POST OPTION
(QMSS-032-06.75-X-D-DP-A-GP SHOWN)

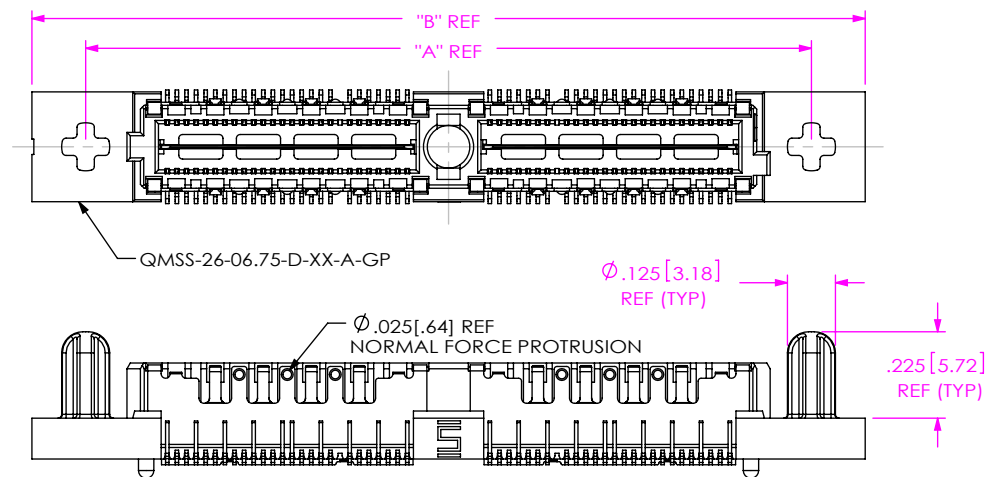


FIG 2

-K: KAPTON PAD OPTION
(USE K-500-300)

(USE K-DOT .217-.313-.005 FOR -GP OPTION, NOT APPROVED FOR VISION INTEGRATED KAPTON APPLICATION)
(QMSS-032-06.75-X-D-DP-A-K SHOWN)

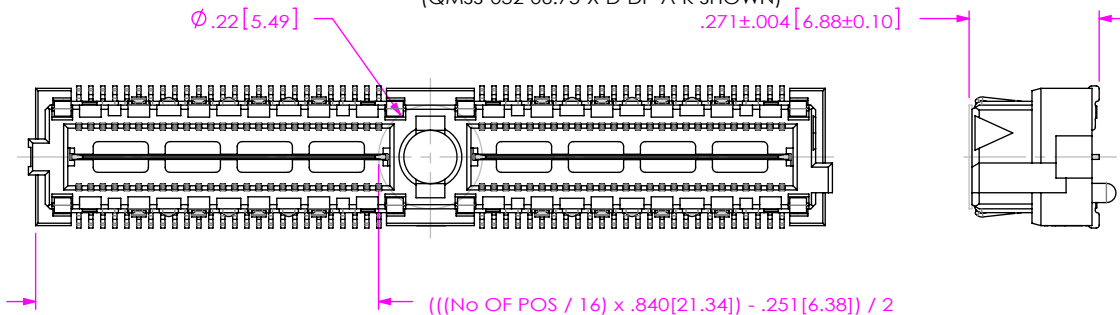


TABLE 2

ASSEMBLY	"A"	"B"
QMSS-016-06.75-X-D-GP	1.050 [26.67]	1.330 [33.78]
QMSS-032-06.75-X-D-GP	1.890 [48.00]	2.170 [55.12]
QMSS-048-06.75-X-D-GP	2.730 [69.34]	3.010 [76.45]
QMSS-064-06.75-X-D-GP	3.570 [90.68]	3.850 [97.79]
QMSS-080-06.75-X-D-GP	4.410 [112.01]	4.690 [119.13]

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SHEET SCALE: 2.5:1



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

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.635mm DIFFERENTIAL PAIRS SHIELDED TERMINAL STRIP

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

BY: BRATCHER 08/12/03 SHEET 2 OF 3

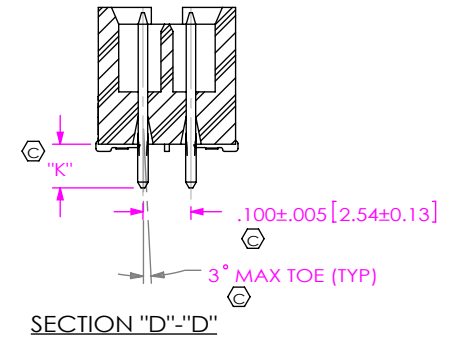
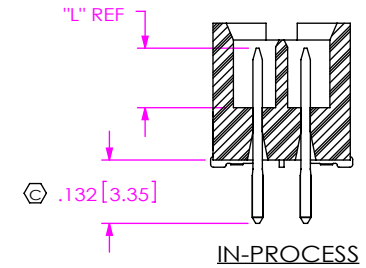
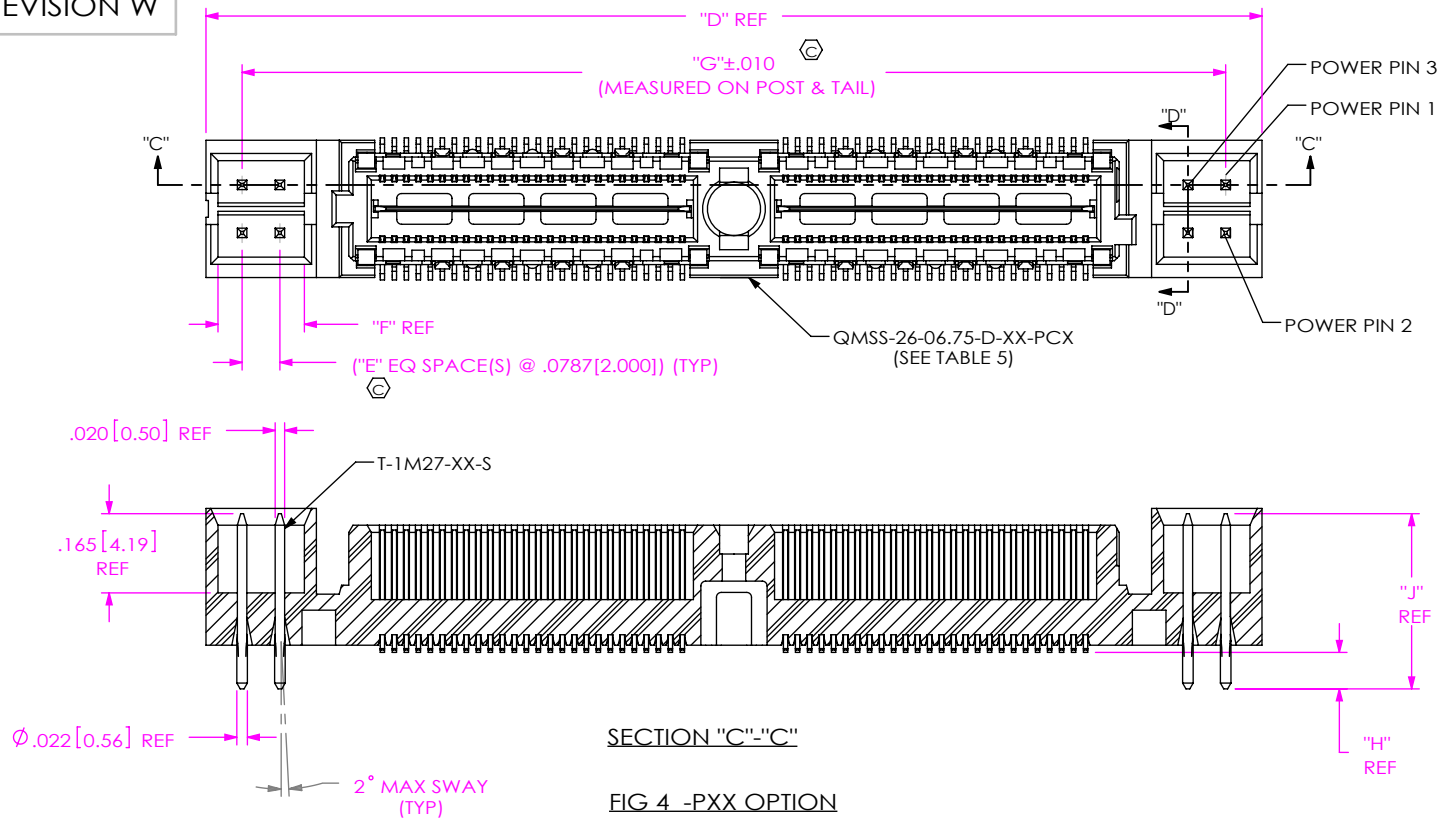


FIG 4 -PXX OPTION
 POWER COMBO OPTIONS (-PXX)
 QMSS-032-06.75-X-D-DP-PC4 SHOWN
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)
 [NOT AVAILABLE WITH -GP, -A, OR -K OPTION]
 [AVAILABLE ON -016, -032 & -048 POSITIONS ONLY]

TABLE 5

ASSEMBLY	BODY	"D"	"E"	"F"	"G"
QMSS-016-06.75-X-DP-X-PX4	QMSS-26-06.75-D-01-PC4	1.360[34.54]	1	.180[4.57]	1.209[30.71]
QMSS-016-06.75-X-DP-X-PX8	QMSS-26-06.75-D-01-PC8	1.675[42.55]	3	.337[8.56]	1.524[38.71]
QMSS-032-06.75-X-DP-X-PX4	QMSS-26-06.75-D-02-PC4	2.200[55.88]	1	.180[4.57]	2.049[52.04]
QMSS-032-06.75-X-DP-X-PX8	QMSS-26-06.75-D-02-PC8	2.515[63.88]	3	.337[8.56]	2.364[60.05]
QMSS-048-06.75-X-DP-X-PX4	QMSS-26-06.75-D-03-PC4	3.040[77.22]	1	.180[4.57]	2.889[73.38]
QMSS-048-06.75-X-DP-X-PX8	QMSS-26-06.75-D-03-PC8	3.355[85.22]	3	.337[8.56]	3.204[81.38]

TABLE 6

POWER OPTION	TERMINAL	"H"	"J"	"K"	"L"
PC4 / PC8	T-1M27-01-S	.071[1.80]	.365[9.27]	.086[2.18]	.124[3.15]
PT4 / PT8	T-1M27-03-S	.110[2.79]	.400[10.16]	.125[3.18]	.159[4.04]

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