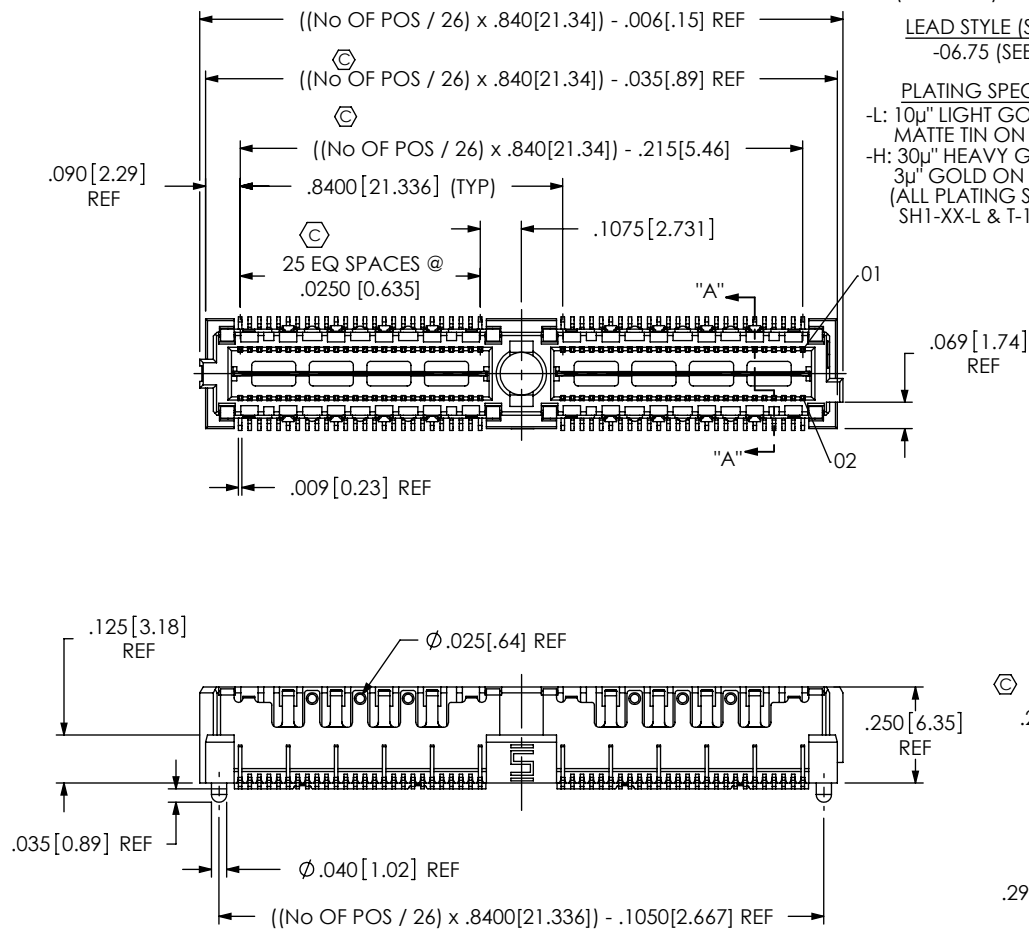


DO NOT
SCALE FROM
THIS PRINT

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



No OF POSITIONS

-026, -052, -078,
-104, *-130
(PER ROW)

LEAD STYLE (SEE NOTE 9)

-06.75 (SEE FIG 1)

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

OPTION

***-A: ALIGNMENT PIN

* = NOT TOOLED

*** = NOT AVAILABLE WITH PXX OPTION

PACKAGING OPTION

-TR: TAPE & REEL PACKAGING
(-026 THRU -078 WITHOUT OPTIONS -GP OR -PXX,
-026 THRU -052 WITH OPTIONS -GP OR -PXX)

OPTION

*** -GP: GUIDE POSTS
(SEE FIG 3, SHEET 2)
[NOT AVAILABLE WITH -PCX]

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

-PC4: POWER COMBO 4 (.062" THICK BOARD)
(SEE FIG 5, SHEET 3)(USE T-1M27-01-S)

-PC8: POWER COMBO 8 (.062" THICK BOARD)
(SEE FIG 5, SHEET 3)(USE T-1M27-01-S)

-PT4: POWER COMBO 4 (.093" THICK BOARD)
(SEE FIG 5, SHEET 3)(USE T-1M27-03-S)

-PT8: POWER COMBO 8 (.093" THICK BOARD)
(SEE FIG 5, SHEET 3)(USE T-1M27-03-S)

[-PXX NOT AVAILABLE WITH -GP, -A OR -K]

[-PXX AVAILABLE ON POSITIONS
-026, -052 & -078 ONLY AND ON
LEAD STYLE -06.75 ONLY]

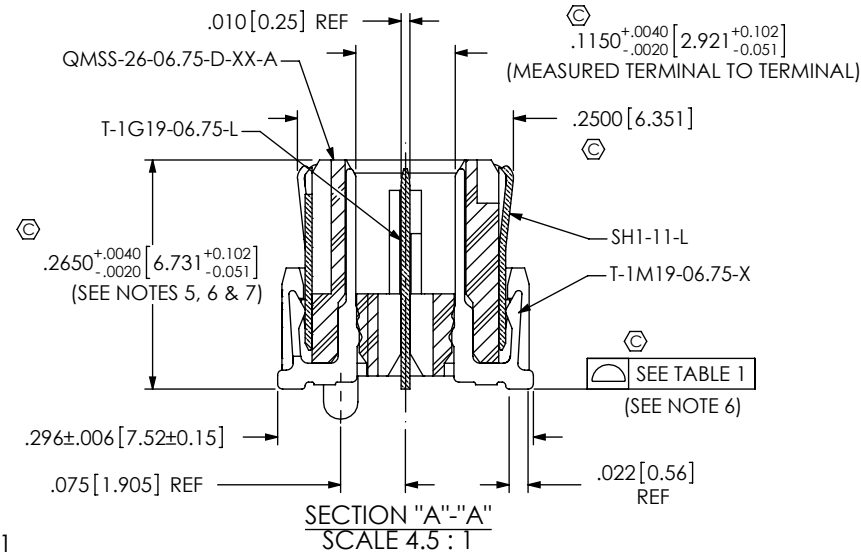
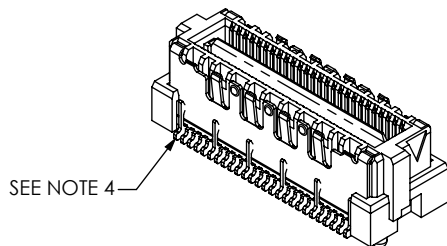


FIG 1

-06.75 LEAD STYLE

(QMSS-052-06.75-X-D-A SHOWN)
(MATED HEIGHT WITH QFSS-04.25: .433 [1.00] REF)



SEE NOTE 4

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015 MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER: .5 LB.
4. TERMINALS IN THE FIRST ROW OF EACH BANK AND EVERY FIFTH ROW AFTER THAT WILL NOT 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 AS STANDARD.
9. LEADSTYLE -11 MAY BE SUBSTITUTED IN PART CALLOUT FOR -06.75 FOR EXISTING CUSTOMERS ONLY

PATENT NUMBERS
6739884/ 7165994
7121849

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
INSULATOR: LCP, COLOR: BLACK
TERMINAL, GROUND PLANE,
& SHIELD: PHOS BRONZE

SHEET SCALE: 2:1

DESCRIPTION:
.635mm DOUBLE ROW SHIELDED TERMINAL STRIP

DWG. NO.

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

BY: CHAD F

05/23/2002

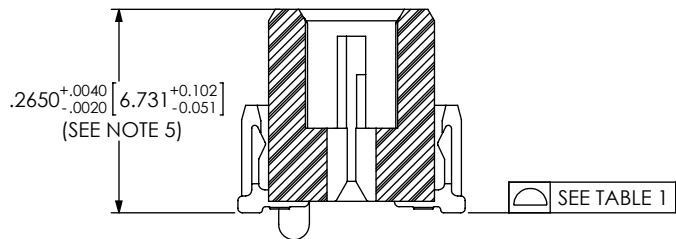
SHEET 1 OF 3

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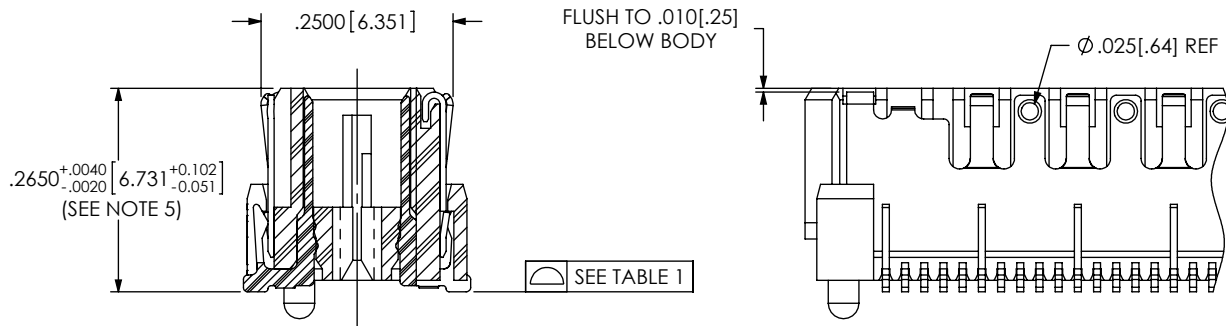
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

REVISION X

IN-PROCESS 1



IN-PROCESS 2



TERMINAL DETAILS

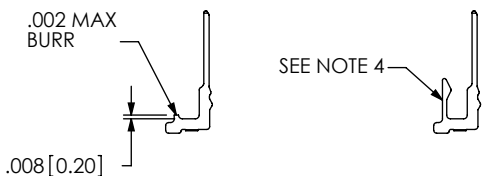


FIG 3

-GP: GUIDE POST OPTION
(QMSS-052-06.75-X-D-A-GP SHOWN)

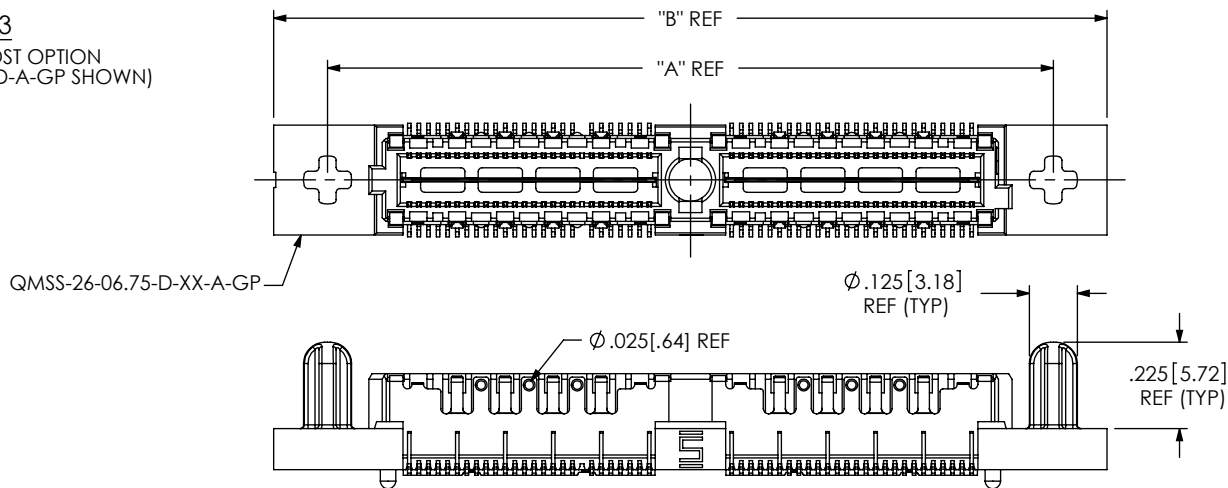


FIG 2

-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-026-06.75-X-D-A-K SHOWN)

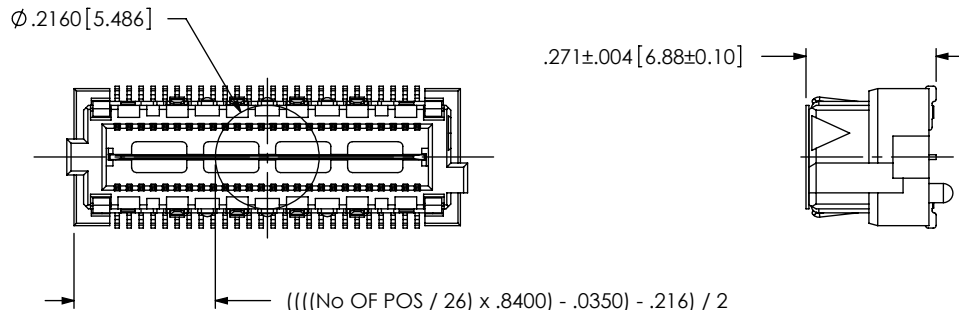


TABLE 2

ASSEMBLY	"A"	"B"
QMSS-026-06.75-X-D-GP	1.050[26.67]	1.330[33.78]
QMSS-052-06.75-X-D-GP	1.890[48.00]	2.170[55.12]
QMSS-078-06.75-X-D-GP	2.730[69.34]	3.010[76.45]
QMSS-104-06.75-X-D-GP	3.570[90.68]	3.850[97.79]
QMSS-130-06.75-X-D-GP	4.410[112.01]	4.690[119.13]

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SHEET SCALE: 2.5:1

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.635mm DOUBLE ROW SHIELDED TERMINAL STRIP

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

BY: CHAD F 05/23/2002 SHEET 2 OF 3

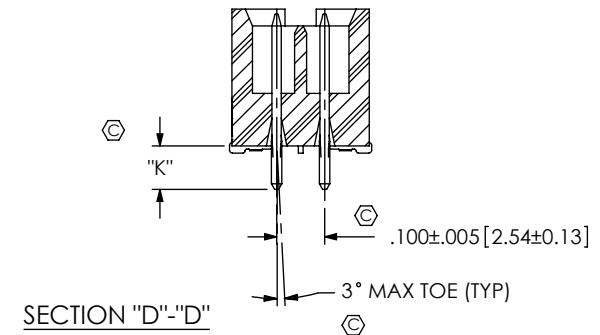
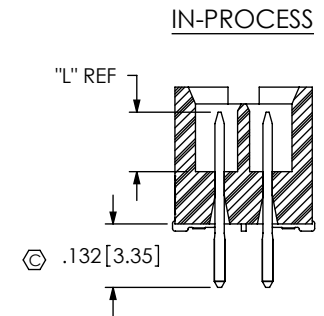
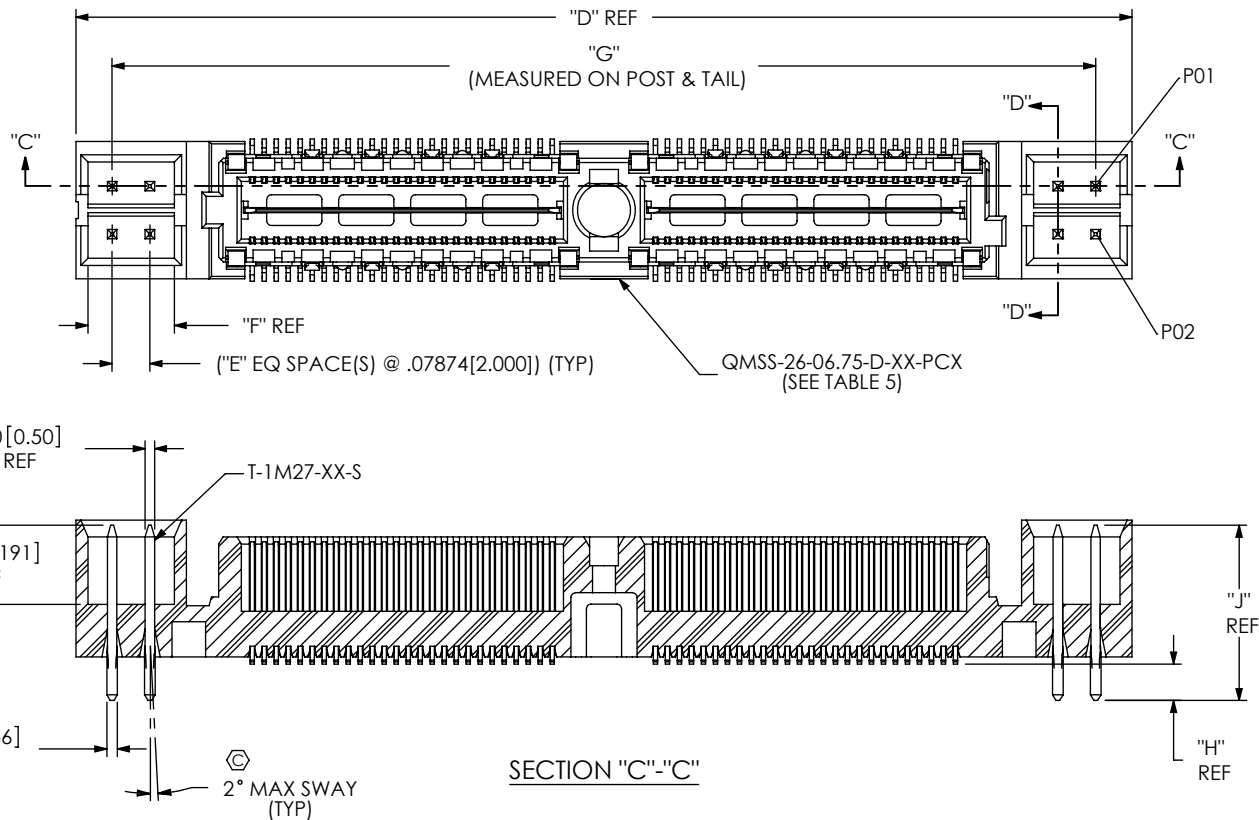


FIG 5 - PXX OPTION
POWER COMBO OPTIONS
QMSS-052-06.75-X-D-PC4 SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[NOT AVAILABLE WITH -A, -GP, OR -K OPTION]
[AVAILABLE ON -026, -052 & -078 POSITIONS ONLY]

TABLE 5

ASSEMBLY	BODY	"D"	"E"	"F"	"G"
QMSS-026-06.75-X-D-X-PX4	QMSS-26-06.75-D-01-PC4	1.360[34.54]	1	.180[4.57]	1.209[30.71]
QMSS-026-06.75-X-D-X-PX8	QMSS-26-06.75-D-01-PC8	1.675[42.55]	3	.337[8.56]	1.524[38.71]
QMSS-052-06.75-X-D-X-PX4	QMSS-26-06.75-D-02-PC4	2.200[55.88]	1	.180[4.57]	2.049[52.04]
QMSS-052-06.75-X-D-X-PX8	QMSS-26-06.75-D-02-PC8	2.515[63.88]	3	.337[8.56]	2.364[60.05]
QMSS-078-06.75-X-D-X-PX4	QMSS-26-06.75-D-03-PC4	3.040[77.22]	1	.180[4.57]	2.889[73.38]
QMSS-078-06.75-X-D-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]

F:\DWG\MISC\MKTG\QMSS-XXX-XX.XX-X-D-X-XXX-XX-MKT.SLDDRW

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DESCRIPTION:
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DWG. NO.
QMSS-XXX-XX.XX-X-D-X-XXX-XX

BY: CHAD F 05/23/2002 SHEET 3 OF 3

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