

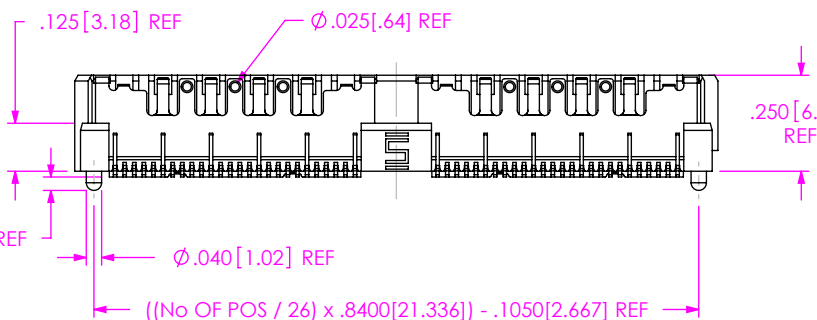
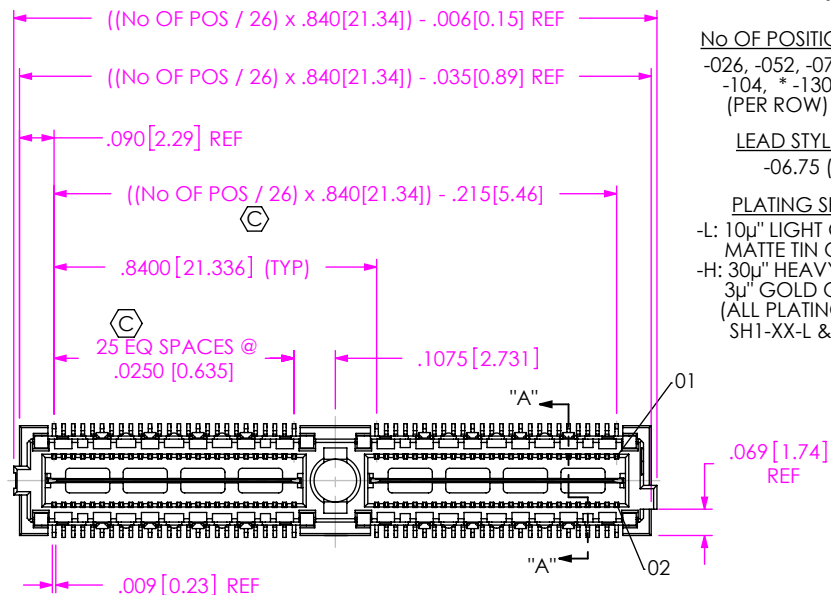
DO NOT  
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FIG 1  
-06.75 LEAD STYLE  
(QMSS-052-06.75-X-D-A SHOWN)  
(MATED HEIGHT WITH QFSS-04.25: .433[11.00] REF)

TABLE 1

No OF POSITIONS	No OF BANKS	COPLANARITY
-026	01	.004[0.10]
-052 THRU -130	2 THRU 5	.006[0.15]

## NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM BURR ALLOWANCE:  $.0015[0.038]$
- MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER: .5 LB.
- TERMINALS IN THE FIRST ROW OF EACH BANK AND EVERY FIFTH ROW AFTER THAT WILL NOT BE SHEARED.
- MAXIMUM VARIANCE:  $.002[0.05]$
- DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
- 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.
- TRAYS ARE STANDARD PACKAGING.
- LEADSTYLE -11 MAY BE SUBSTITUTED IN PART CALLOUT FOR -06.75 FOR EXISTING CUSTOMERS ONLY.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

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

## No OF POSITIONS

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

## LEAD STYLE (SEE NOTE 9)

-06.75 (SEE FIG 1)

## PLATING SPECIFICATION

-L:  $10\mu$ " LIGHT GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL (USE T-1M19-06.75-L)  
-H:  $30\mu$ " HEAVY GOLD IN CONTACT AREA,  
 $3\mu$ " 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

BLANK: TRAY (SEE NOTES 8 & 10)  
-TR: TAPE & REEL (SEE NOTES 10 & 11)  
-FR: FULL REEL QTY TAPE & REEL  
(SEE NOTES 10 & 11)  
(-TR & -FR PACKAGING AVAILABLE FOR:  
-026 THRU -078 WITHOUT OPTIONS -GP OR -PXX,  
-026 THRU -052 WITH OPTIONS -GP OR -PXX)

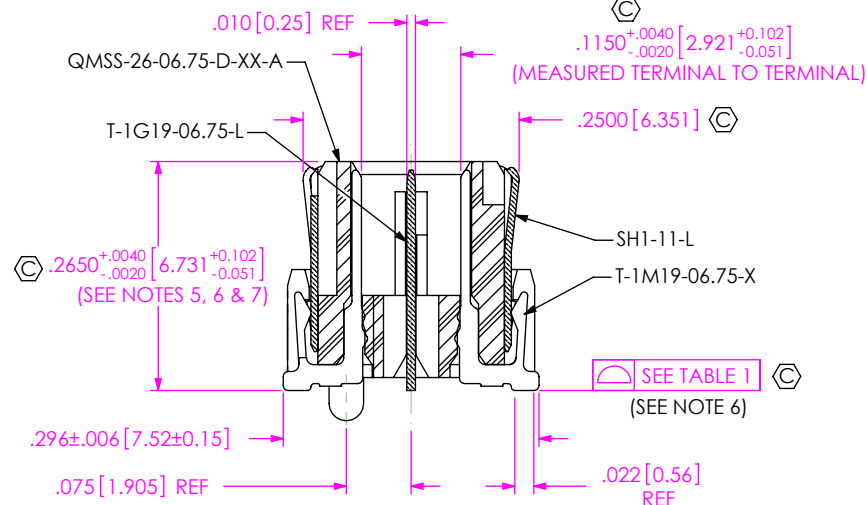
## PICK &amp; PLACE OPTION

\*\*\*-K: POLYIMIDE FILM  
(USE K-DOT-.217-.313-.005, SEE FIG 2, SHT 2)

## OPTION

\*\*\*-GP: GUIDE POSTS  
(SEE FIG 3, SHEET 2)  
[NOT AVAILABLE WITH -PCX]  
-PC4: POWER COMBO 4 (.062" THICK BOARD)  
(SEE FIG 4, SHEET 3)(USE T-1M27-01-S)  
-PC8: POWER COMBO 8 (.062" THICK BOARD)  
(SEE FIG 4, SHEET 3)(USE T-1M27-01-S)  
-PT4: POWER COMBO 4 (.093" THICK BOARD)  
(SEE FIG 4, SHEET 3)(USE T-1M27-03-S)  
-PT8: POWER COMBO 8 (.093" THICK BOARD)  
(SEE FIG 4, 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]



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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX:  $\pm .01[0.3]$  2°  
.XXX:  $\pm .005[0.13]$   
.XXXX:  $\pm .0020[0.051]$

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

SHEET SCALE: 2:1

**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 SHIELDED TERMINAL STRIP

DWG. NO.

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

BY: CHAD F 05/23/2002 SHEET 1 OF 3

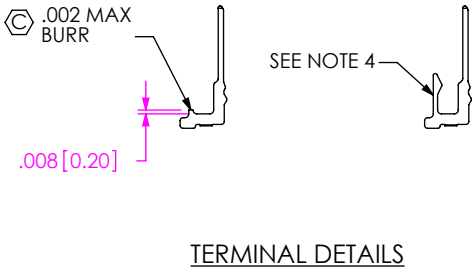
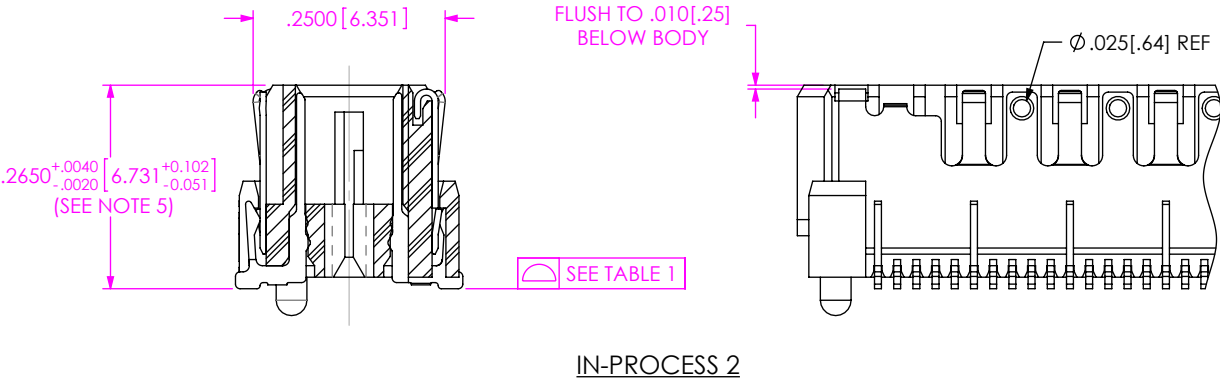
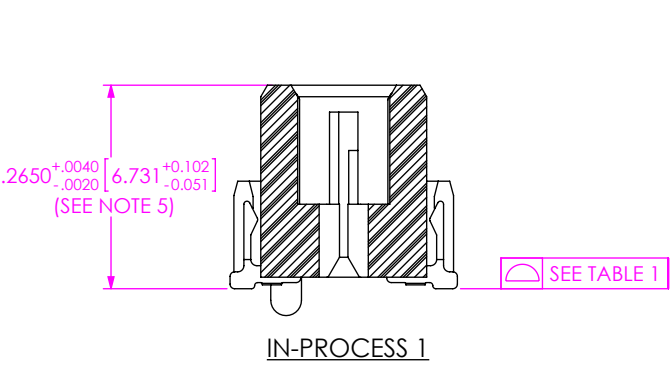
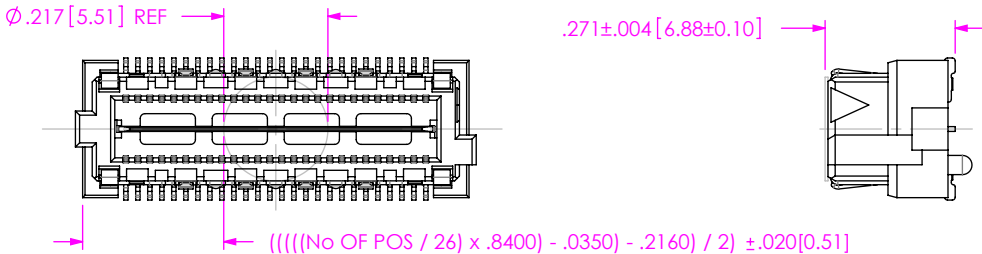
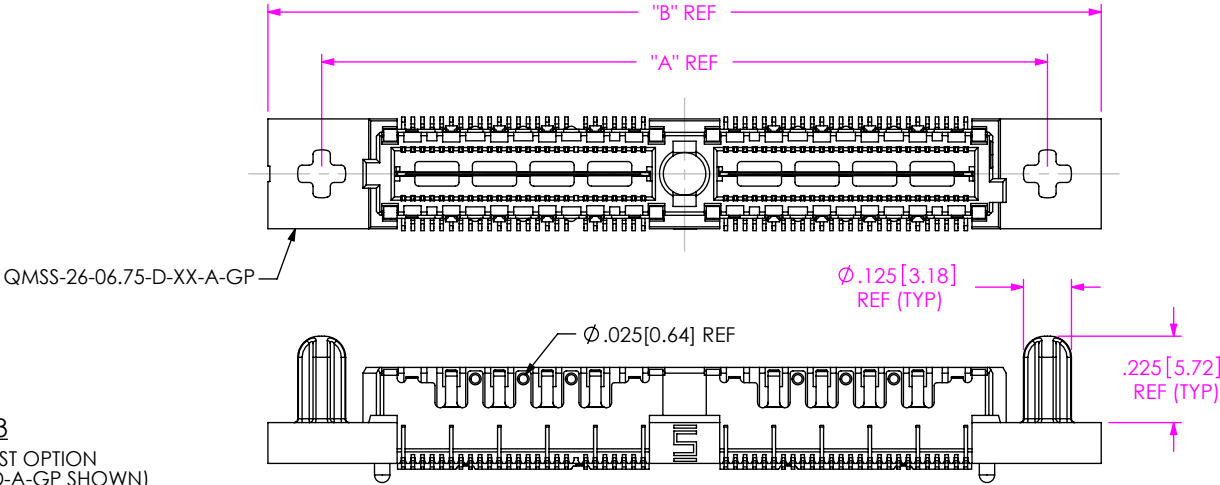


FIG 3  
-GP: GUIDE POST OPTION  
(QMSS-052-06.75-X-D-A-GP SHOWN)



-K: POLYIMIDE FILM OPTION  
(USE K-DOT-.217-.313-.005, NOT APPROVED FOR VISION INTEGRATED PAD 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



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 SHIELDED TERMINAL STRIP

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

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

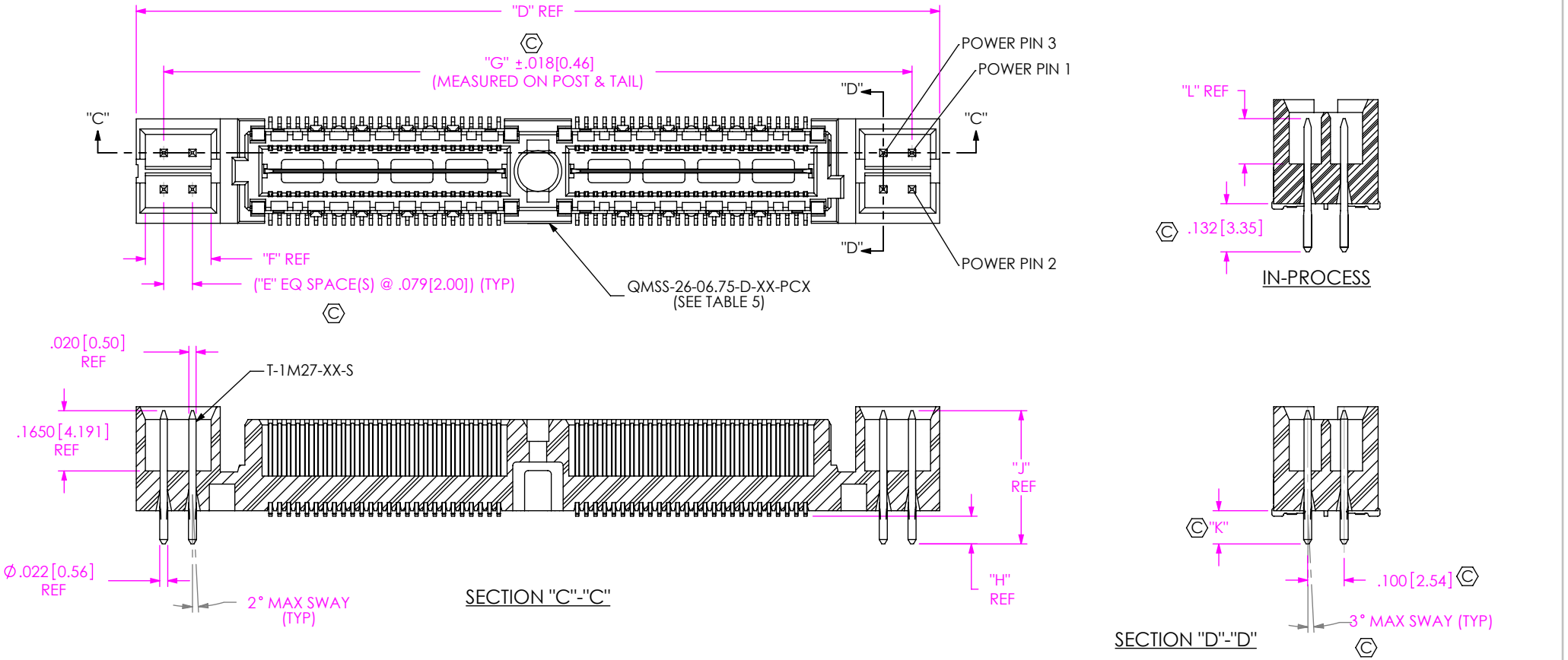


FIG 4 -PXX OPTION  
 POWER COMBO OPTIONS (-PXX)  
 QMSS-052-06.75-X-D-PC4 SHOWN  
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)  
 [NOT AVAILABLE WITH -A, -GP, OR -K OPTION]  
 [AVAILABLE ON -026, -052 & -078 POSITIONS ONLY]

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-X-XX-MKT.SLDRW

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