REVISION AG

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QFS-XXX-XX-XX-D-RA-XXX-X-XX

No OF POSITIONS
-026, -052, -078, -104
(PER ROW)

LEAD STYLE
-01: .062[1.57]
-02: .093[2.36]

PACKAGING
BLANK: TRAY (SEE NOTES 4 & 8)
-TR: TAPE & REEL (SEE NOTES 8 & 9)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 8 & 9)
(-TR & -FR PACKAGING AVAILABLE FOR:
-026 & -052 WITH NO OPTIONS,
-026 & -052 WITH -PC4,
-026 WITH -PC8)

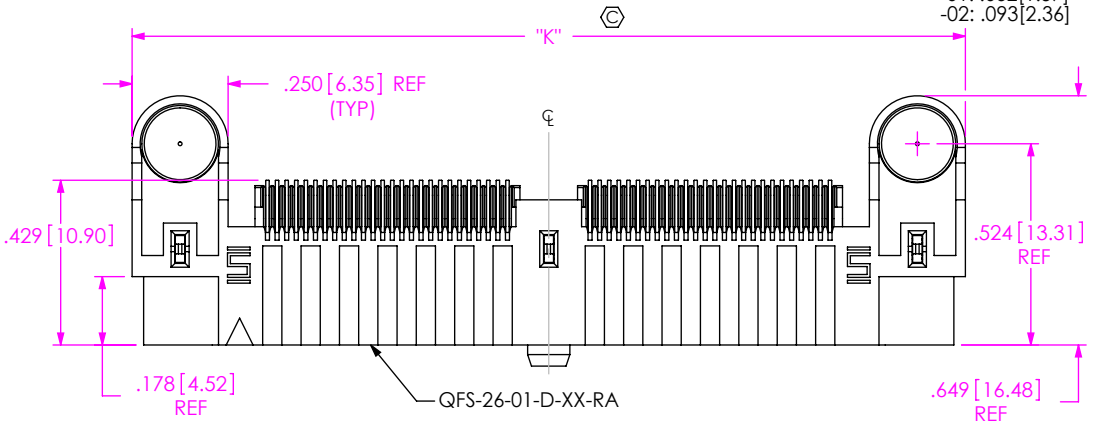
PICK & PLACE OPTION
-K: POLYAMIDE FILM
(USE K-DOT-.310-.406-.005)

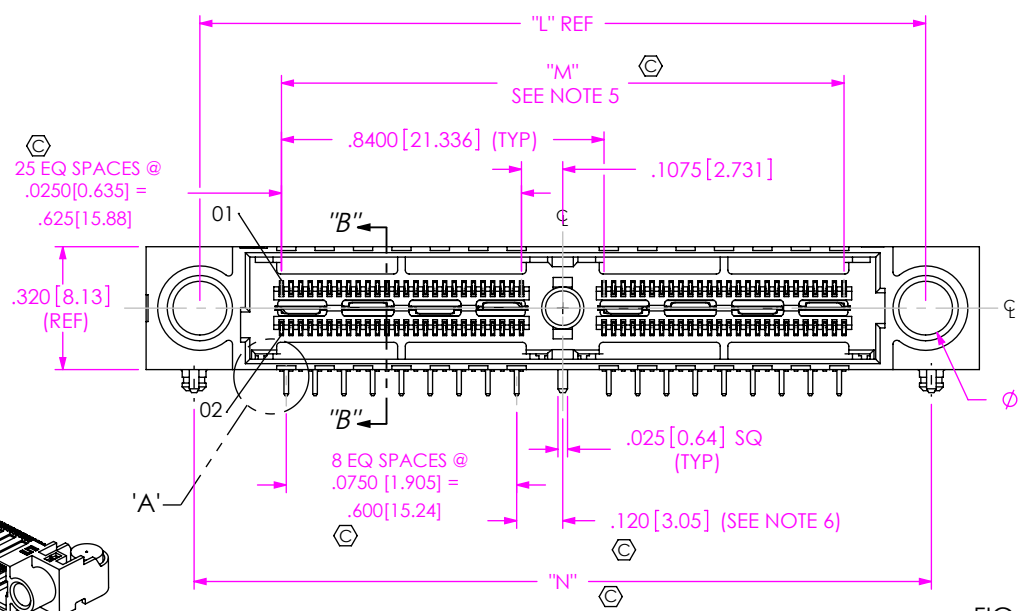
OPTION
-PC4: 4 POWER PINS
(SEE FIG 2, SHEET 5)
(NOT AVAILABLE WITH -104 POS)
-PC8: 8 POWER PINS
(SEE FIG 3, SHEET 5)
(NOT AVAILABLE WITH -104 POS)

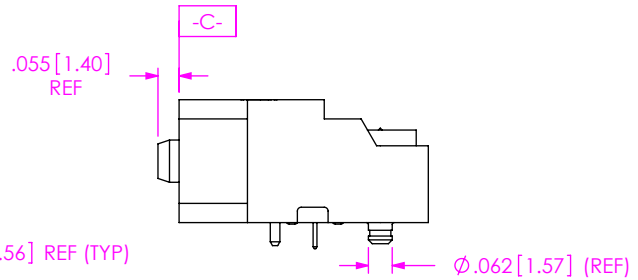
-RA: RIGHT ANGLE

ROW SPECIFICATION
-D: DOUBLE (USE QFS-26-01-D-XX-RA)

PLATING SPECIFICATION
(SEE TABLE 6, SHEET 4)
-SL: 10µ" GOLD IN CONTACT AREA, MATTE TIN TAIL
-S: 30µ" GOLD IN CONTACT AREA, MATTE TIN TAIL
-L: 10µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL
-H: 30µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL







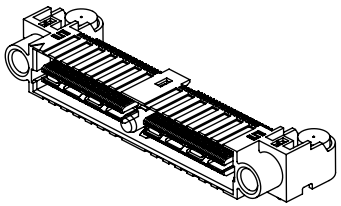


FIG 1
(QFS-052-01-XX-D-RA SHOWN)

TABLE 5				
POSITION	"K"	"L"	"M"	"N"
-026	1.330 [33.78]	1.050 [26.67]	.625 [15.88]	1.080 [27.43]
-052	2.170 [55.12]	1.890 [48.01]	1.465 [37.21]	1.920 [48.77]
-078	3.010 [76.45]	2.730 [69.34]	2.305 [58.55]	2.760 [70.10]
-104	3.850 [97.79]	3.570 [90.68]	3.145 [79.88]	3.600 [91.44]

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: .0010[0.02].
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB [2.22 N],
SHIELD/GROUND, POWER PIN AND COUNTERWEIGHT: 1 LB [4.45 N].
4. TRAYS ARE STANDARD PACKAGING.
5. PLUS .007" ALLOWED ON 4 BANK.
6. DOES NOT APPLY TO 1 BANK.
7. USE -Z- DATUM ZONE FOR ONLY MEASUREMENTS.
8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
9. ATTACH LABEL-4X2 TO EACH REEL.

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

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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR BLACK
CONTACT, POWER PIN & GROUND PLANE: PHOS BRONZE
COUNTERWEIGHT: BRASS

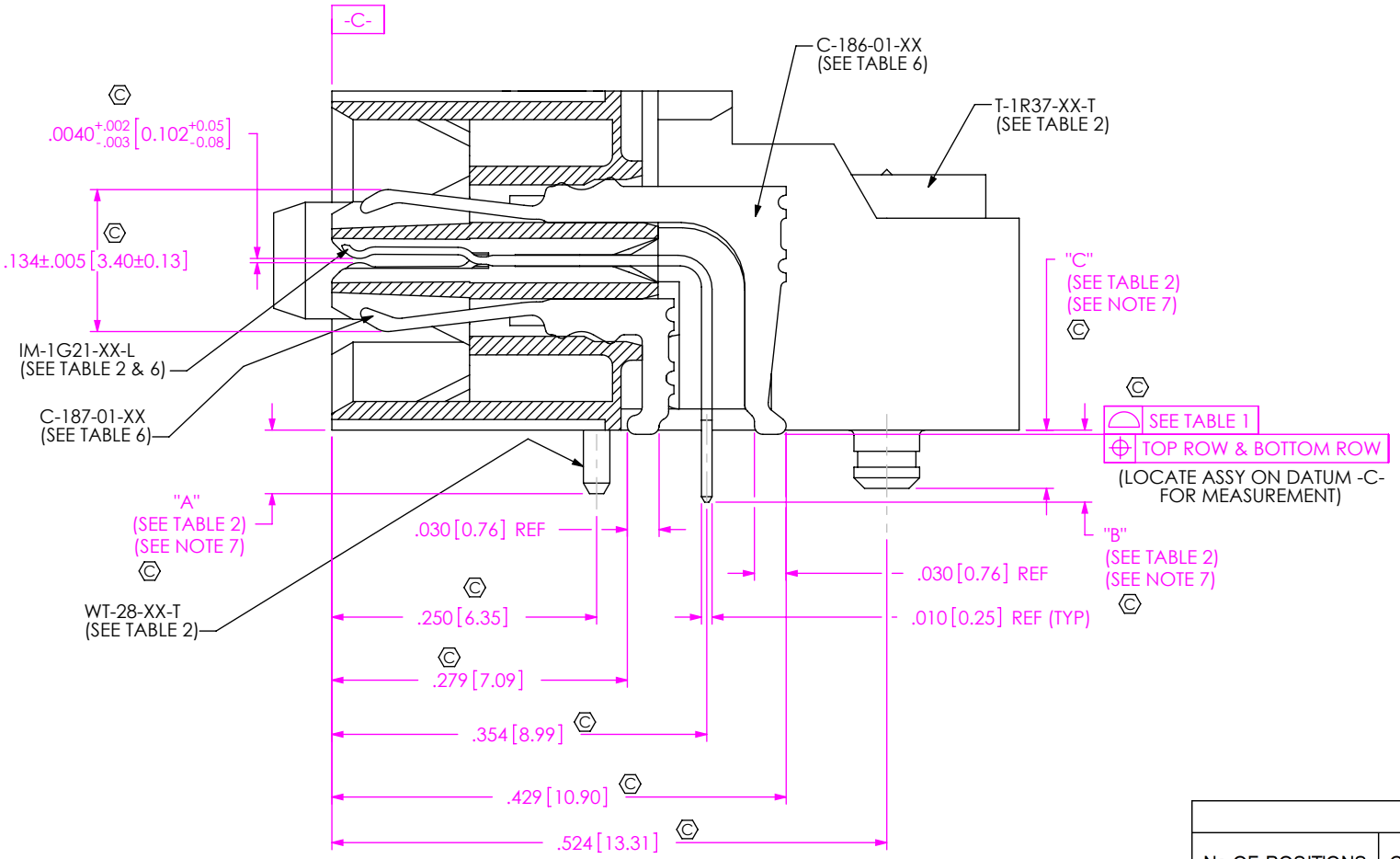
DESCRIPTION:
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

DWG. NO.
QFS-XXX-XX-XX-D-RA-XXX-X-XX

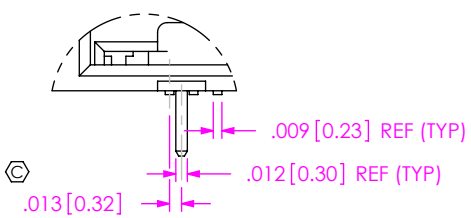
BY: CLAY W 8/25/2006 SHEET 1 OF 6

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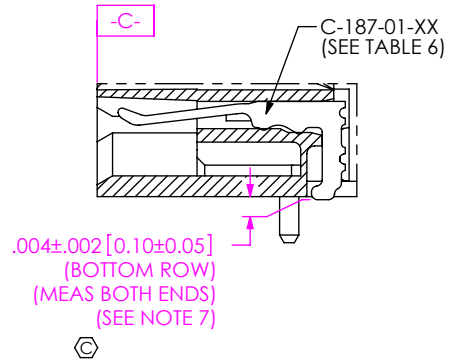
REVISION AF



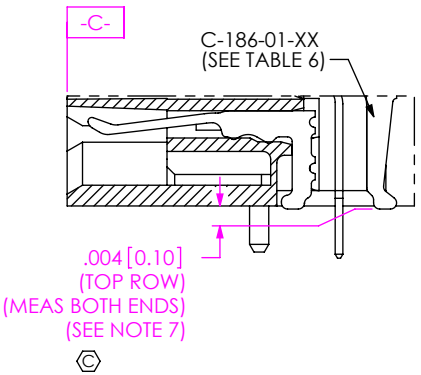
SECTION "B"-"B"
SCALE 6:1



DETAIL 'A'
SCALE 5 : 1



BOTTOM ROW - TAIL DETAIL (LOCATE ASSEMBLY ON DATUM -C- FOR MEASUREMENT)



TOP ROW - TAIL DETAIL (LOCATE ASSEMBLY ON DATUM -C- FOR MEASUREMENT)

TABLE 1

No OF POSITIONS	COPLANARITY	STRAIGHTNESS ROW 1	STRAIGHTNESS ROW 2
-026 THRU -052	.004[.10]	.004[.10]	.004[.10]
-078 THRU -104	.006[.15]	.006[.15]	.006[.15]

TABLE 2

LEAD STYLE	"A"	"B"	"C"	WT-28-XX-T	IM-1G21-XX-L	T-1R37-XX-T
-01	.060[1.52]	.068[1.73]	.055[1.40]	WT-28-01-T	IM-1G21-01-L	T-1R37-01-T
-02	.091[2.31]	.099[2.51]	.086[2.18]	WT-28-02-T	IM-1G21-02-L	T-1R37-02-T

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DESCRIPTION:
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

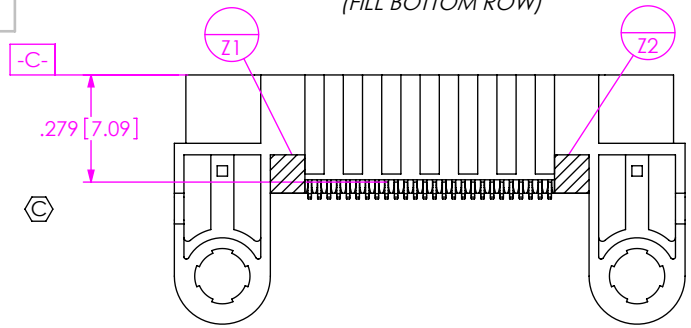
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QFS-XXX-XX-XX-D-RA-XXX-X-XX

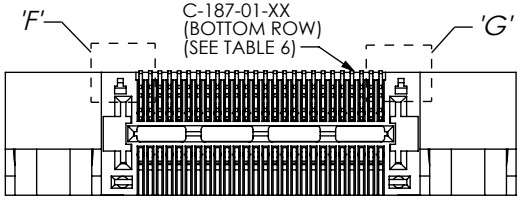
BY: CLAY W 8/25/2006 SHEET 2 OF 6

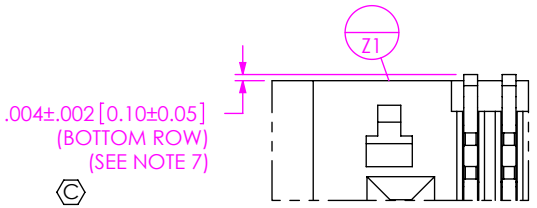
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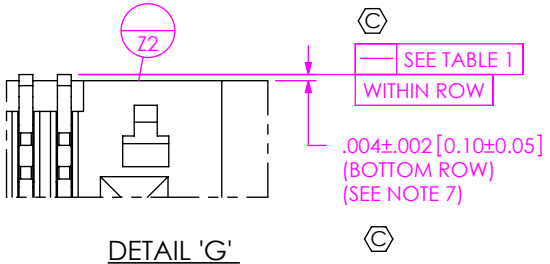
INSPECTION VIEW 1
(FILL BOTTOM ROW)



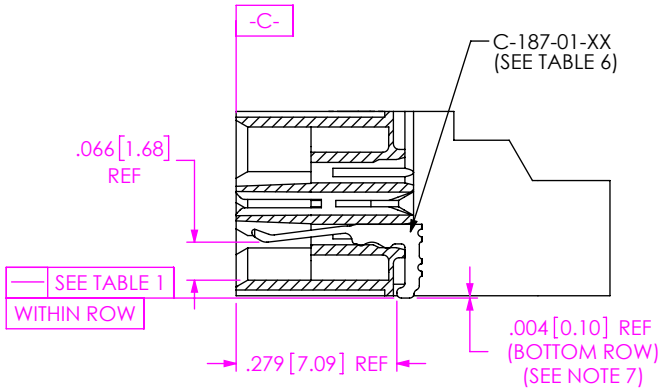




DETAIL 'F'
SCALE 8 : 1

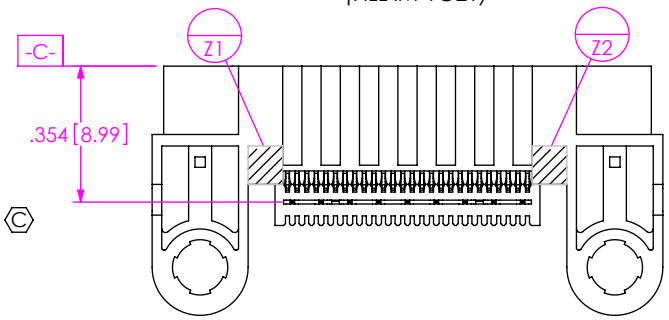


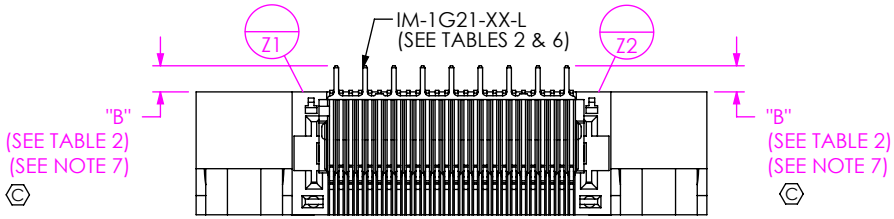
DETAIL 'G'
SCALE 8 : 1

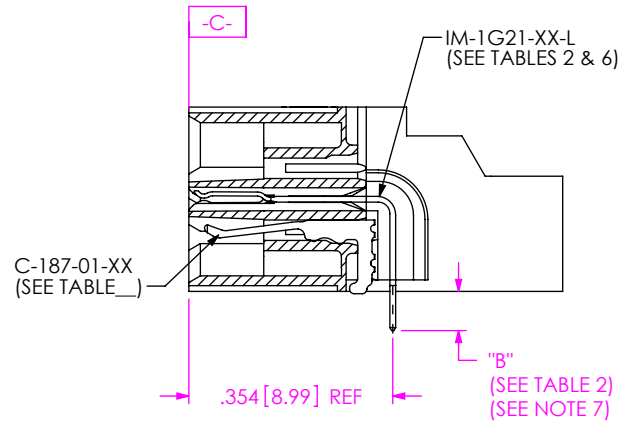


IN-PROCESS 1
(FILL BOTTOM ROW)
(SEE INSPECTION VIEW 1 FOR ORIENTATION AND CPC'S)

INSPECTION VIEW 2
(FILL IM-1G21)







IN-PROCESS 2
(FILL IM-1G21)
(SEE INSPECTION VIEW 2 FOR ORIENTATION AND CPC'S)

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DESCRIPTION:
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

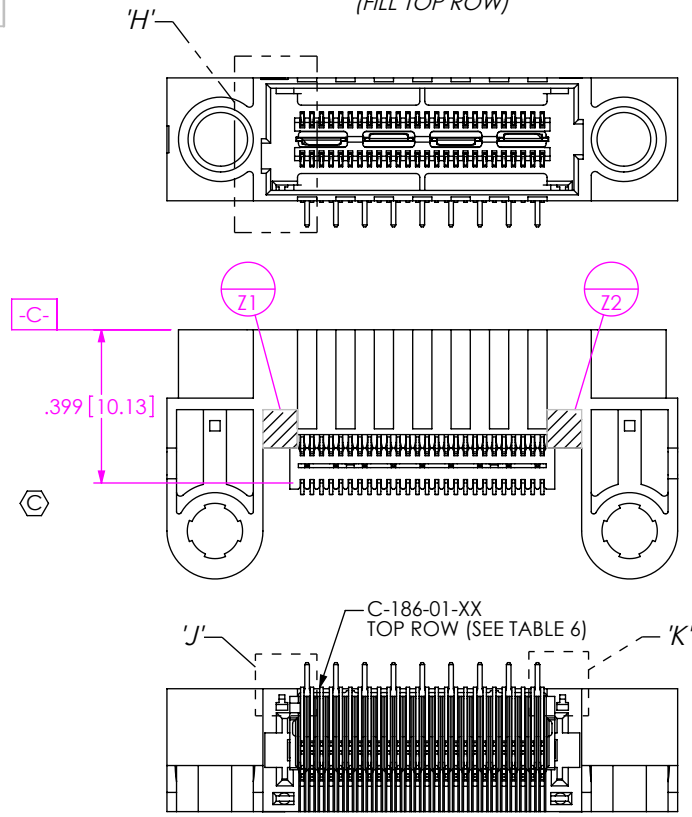
DWG. NO.
QFS-XXX-XX-XX-D-RA-XXX-X-XX

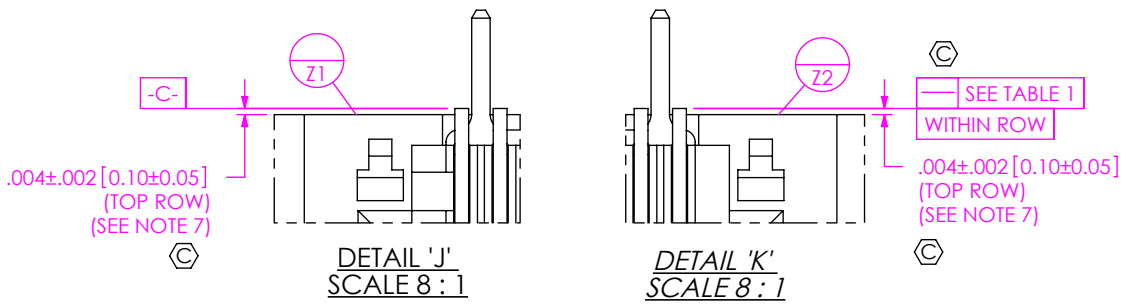
BY: CLAY W 8/25/2006 SHEET 3 OF 6

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REVISION AF

INSPECTION VIEW 3
(FILL TOP ROW)

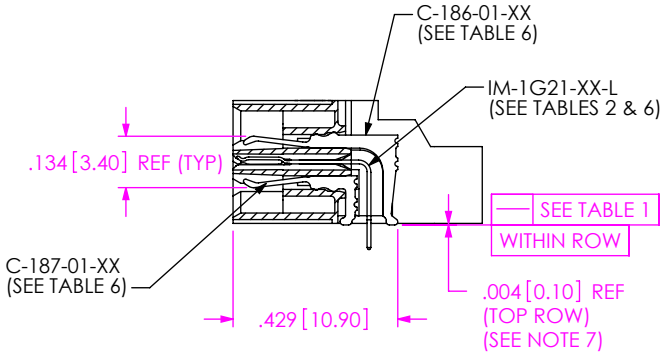




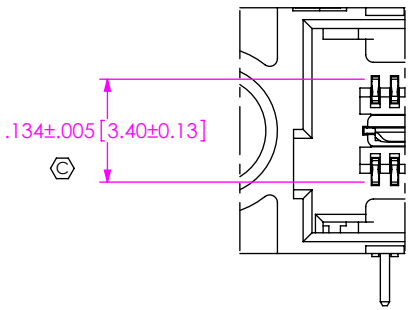
DETAIL 'J'
SCALE 8 : 1

DETAIL 'K'
SCALE 8 : 1

	TABLE 6: PLATING SPECIFICATIONS			
	CONTACT	CONTACT	GROUND PLANE	PCX CONTACTS
-SL	C-186-01-SL: 10µ" GOLD CONTACT, MATTE TIN TAIL	C-187-01-SL: 10µ" GOLD CONTACT, MATTE TIN TAIL	IM-1G21-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL	C-79-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL
-S	C-186-01-S: 30µ" GOLD CONTACT, MATTE TIN TAIL	C-187-01-S: 30µ" GOLD CONTACT, MATTE TIN TAIL	IM-1G21-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL	C-79-XX-S: 30µ" GOLD CONTACT, MATTE TIN TAIL
-L	C-186-01-L: 10µ" GOLD CONTACT, 3µ" GOLD TAIL	C-187-01-L: 10µ" GOLD CONTACT, 3µ" GOLD TAIL	IM-1G21-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL	C-79-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL
-H	C-186-01-H: 30µ" GOLD CONTACT, 3µ" GOLD TAIL	C-187-01-H: 30µ" GOLD CONTACT, 3µ" GOLD TAIL	IM-1G21-XX-L: 10µ" GOLD CONTACT, MATTE TIN TAIL	C-79-XX-H: 50µ" GOLD CONTACT, 3µ" LIGHT GOLD TAIL



IN-PROCESS 3
(FILL TOP ROW)
(SEE INSPECTION VIEW 3 FOR ORIENTATION AND CPC'S)



DETAIL 'H'
SCALE 4 : 1

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DESCRIPTION:
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

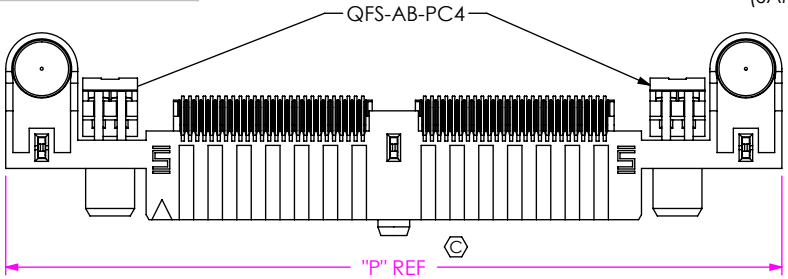
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QFS-XXX-XX-XX-D-RA-XXX-X-XX

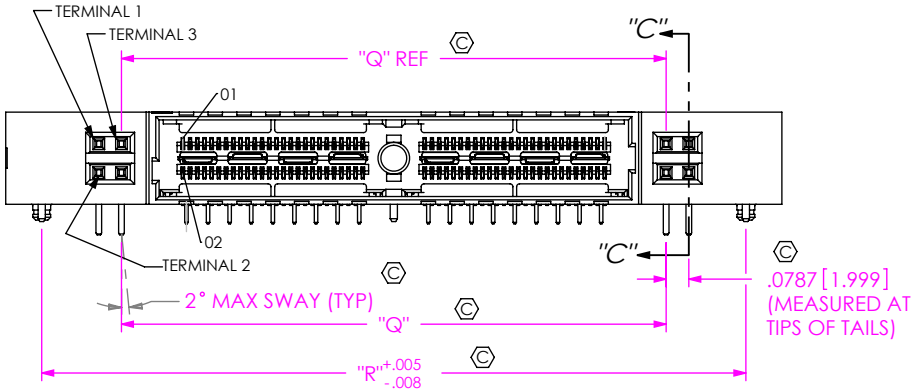
BY: CLAY W 8/25/2006 SHEET 4 OF 6

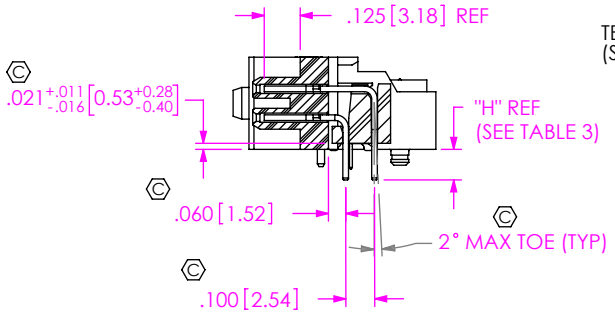
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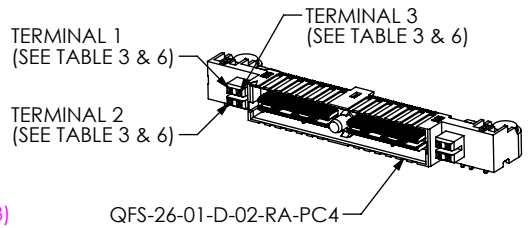
FIG 2
(QFS-052-01-XX-D-RA-PC4 SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

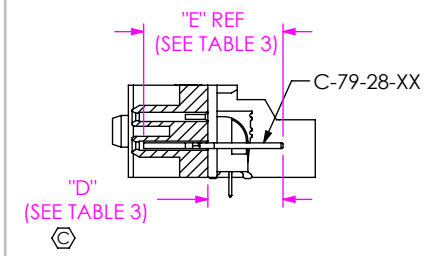




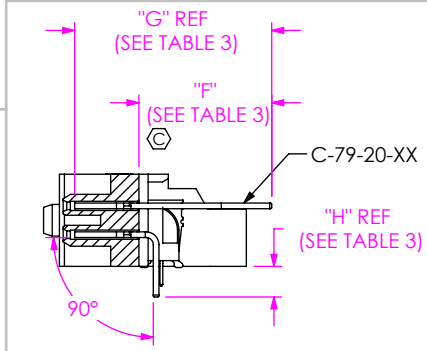


SECTION "C"-"C"
SCALE 1.5:1





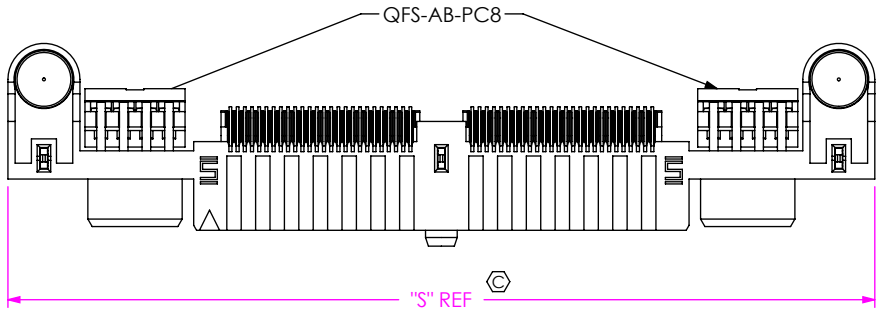
IN-PROCESS 4

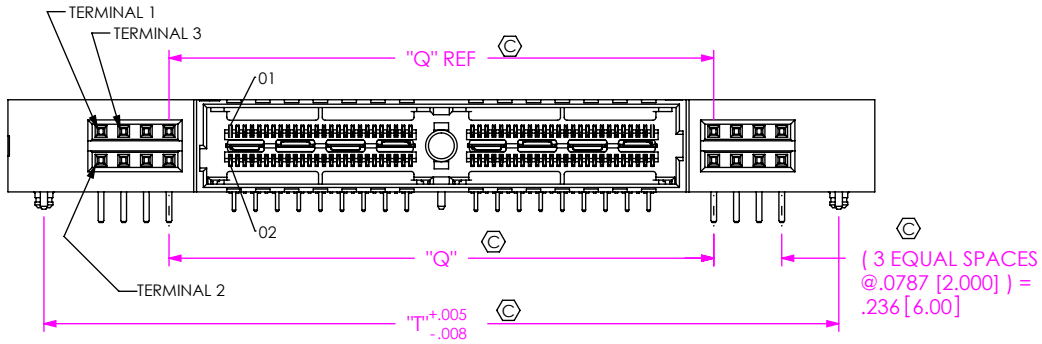


IN-PROCESS 5

TABLE 3							
LEAD STYLE	TERMINAL 1	TERMINAL 2	"D"	"E"	"F"	"G"	"H"
-01	C-79-28-XX	C-79-29-XX	.261 [6.63]	.484 [12.29]	.461 [11.71]	.684 [17.37]	.106 [2.69]
-02	C-79-20-XX	C-79-20A-XX	.287 [7.29]	.510 [12.95]	.487 [12.37]	.710 [18.03]	.132 [3.35]

FIG 3
(QFS-052-01-XX-D-RA-PC8 SHOWN)
(SAME AS FIG 2, DIFFERENT AS SHOWN)





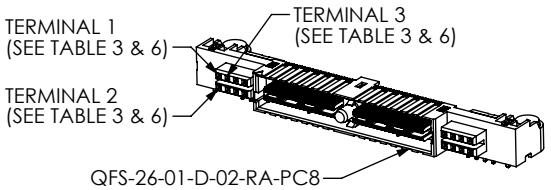


TABLE 7					
POSITION	"P"	"Q"	"R"	"S"	"T"
-026	1.855 [47.12]	1.051 [26.70]	1.605 [40.77]	2.170 [55.12]	1.920 [48.77]
-052	2.695 [68.45]	1.891 [48.03]	2.445 [62.10]	3.010 [76.45]	2.760 [70.10]
-078	3.535 [89.79]	2.731 [69.37]	3.285 [83.44]	3.850 [97.79]	3.600 [91.44]
-104	4.375 [111.13]	3.571 [90.70]	4.125 [104.78]	4.690 [119.13]	4.440 [112.78]

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DESCRIPTION:
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

DWG. NO.
QFS-XXX-XX-XX-D-RA-XXX-X-XX

BY: CLAY W 8/25/2006 SHEET 5 OF 6

F:\DWG\SW\Exisprod\Assembly\Pt635mm\QFS-XXX-XX-XX-D-RA-XXX-X-XX-ASM.SLDDRW

REVISION AF

-K: POLYAMIDE FILM
QFS-026-01-XX-D-RA-K SHOWN

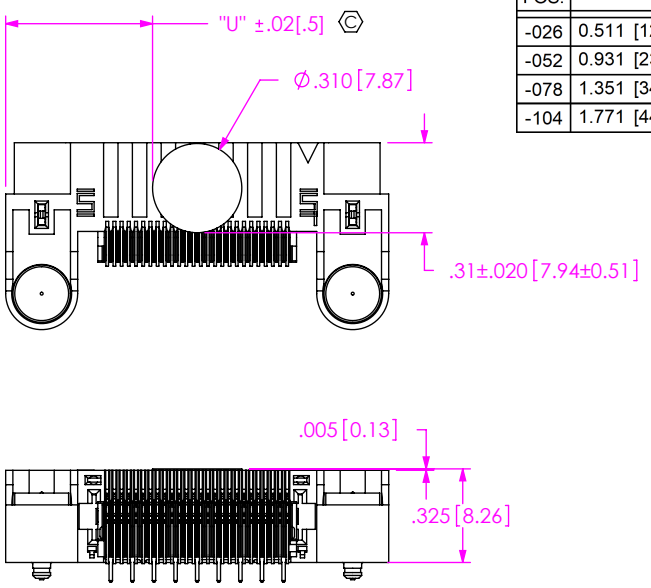
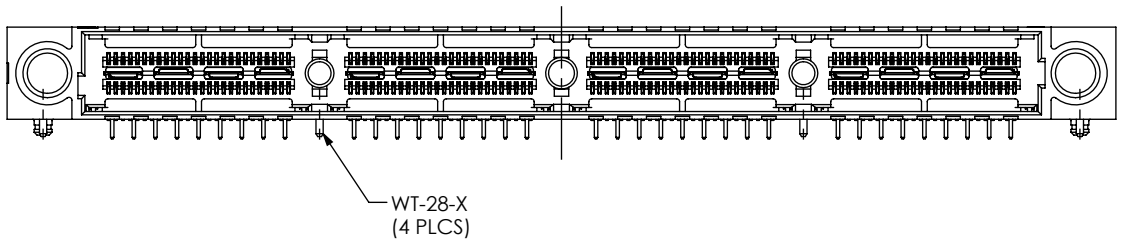
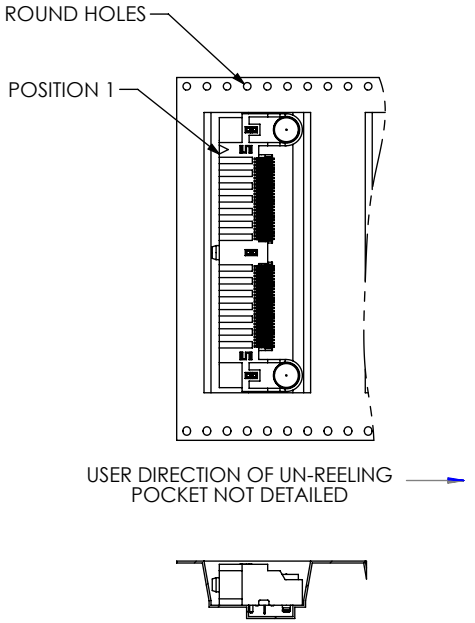


TABLE 4			
	STANDARD & -MG	-PC4	-PC8
POS.	"U"		
-026	0.511 [12.98]	0.774 [19.66]	0.931 [23.65]
-052	0.931 [23.65]	1.194 [30.33]	1.351 [34.32]
-078	1.351 [34.32]	1.614 [41.00]	1.771 [44.98]
-104	1.771 [44.98]	2.033 [51.65]	2.091 [53.11]

FIG 4
(QFS-104-01-XX-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



PACKAGING VIEW
-TR: TAPE & REEL OPTION
(QFS-052-01-XX-D-RA-TR SHOWN)



* PROPRIETARY NOTE *

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SHEET SCALE: 6:1

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 DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

DWG. NO.
QFS-XXX-XX-XX-D-RA-XXX-X-XX

BY: CLAY W 8/25/2006 SHEET 6 OF 6

F:\DWG\SW\Exisprod\Assembly\Pt635mm\QFS-XXX-XX-XX-D-RA-XXX-X-XX-ASM.SLDDRW