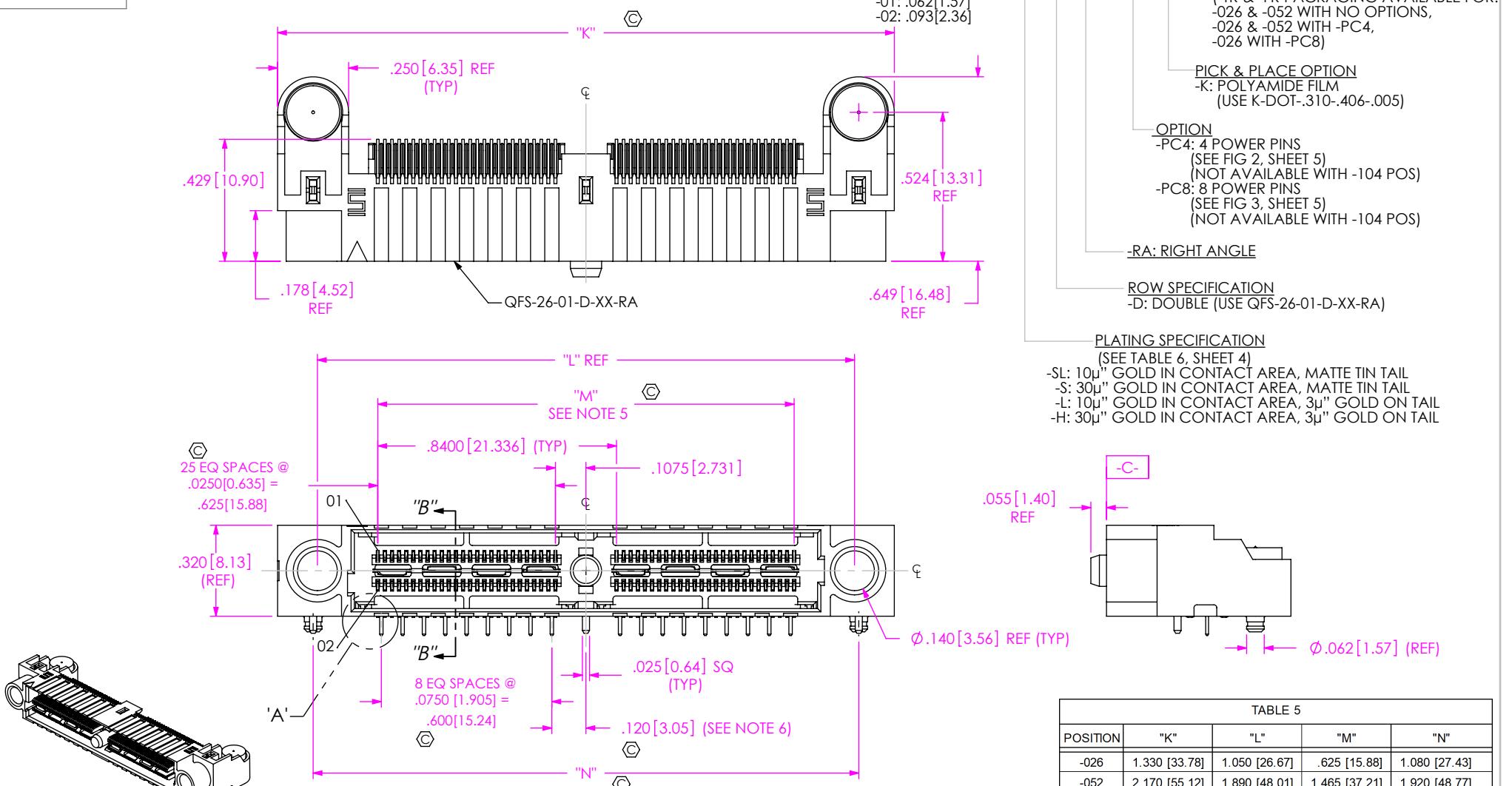


DO NOT
SCALE FROM
THIS PRINT

NOTES:

- ◎ REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM BURR ALLOWANCE: .0010[.02].
- MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB [2.22 N], SHIELD/GROUND, POWER PIN AND COUNTERWEIGHT: 1 LB [4.45 N].
- TRAYS ARE STANDARD PACKAGING.
- PLUS .007" ALLOWED ON 4 BANK.
- DOES NOT APPLY TO 1 BANK.
- USE -Z- DATUM ZONE FOR ONLY MEASUREMENTS.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL-4X2 TO EACH REEL.

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

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

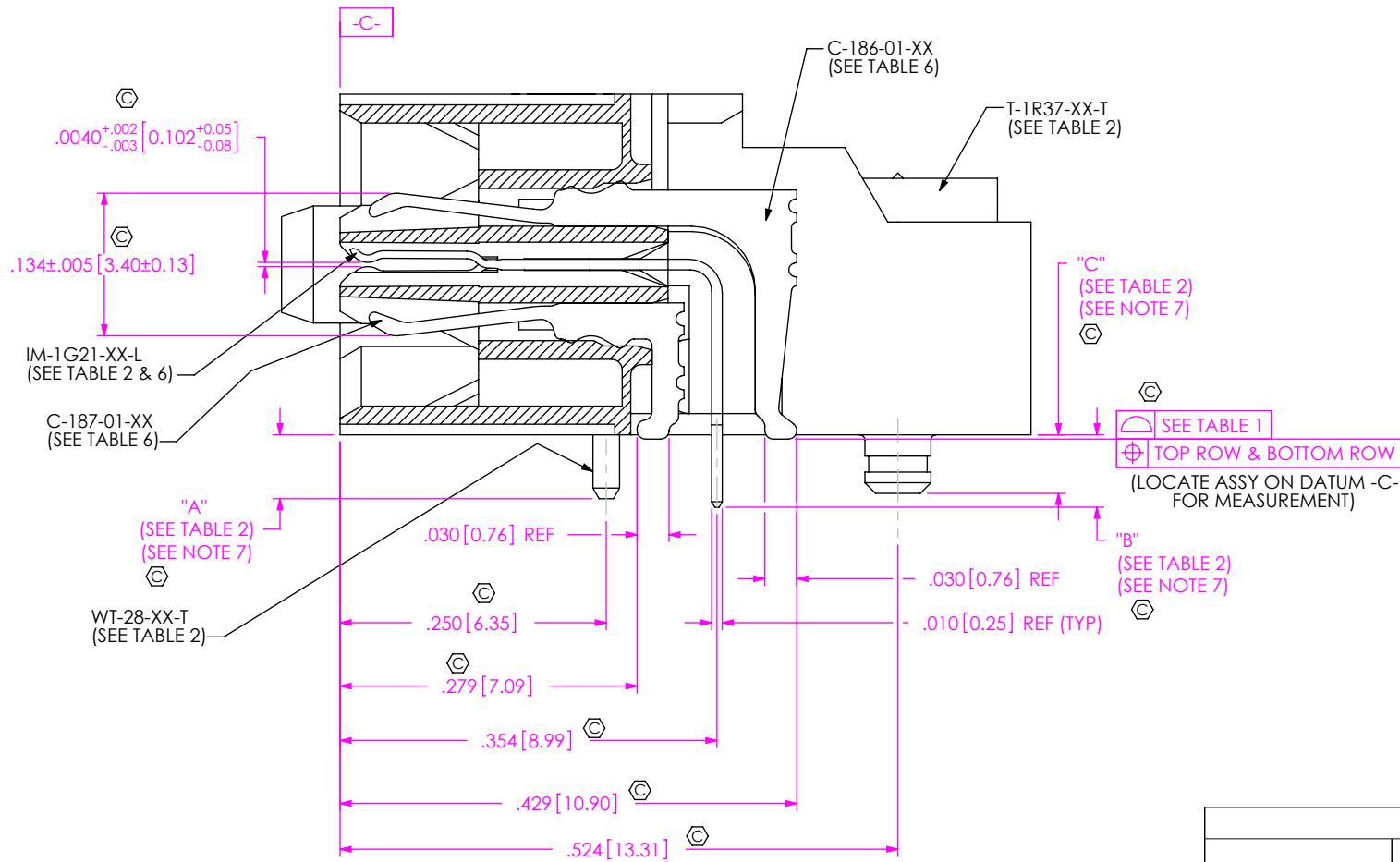
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

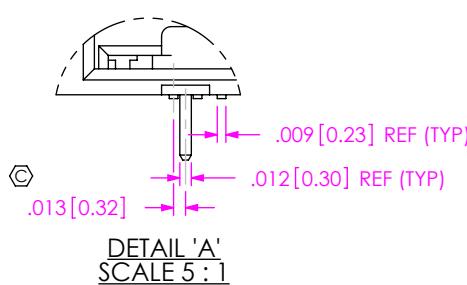
.635mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY
DWG. NO.

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

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



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



DETAIL 'A'
SCALE 5 : 1

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]

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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SHEET SCALE: 6:1

SHEET SCALE 6:1

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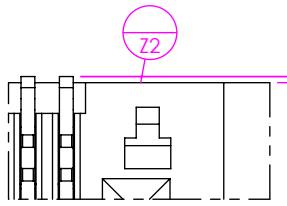
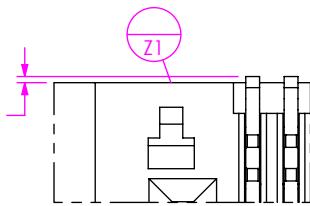
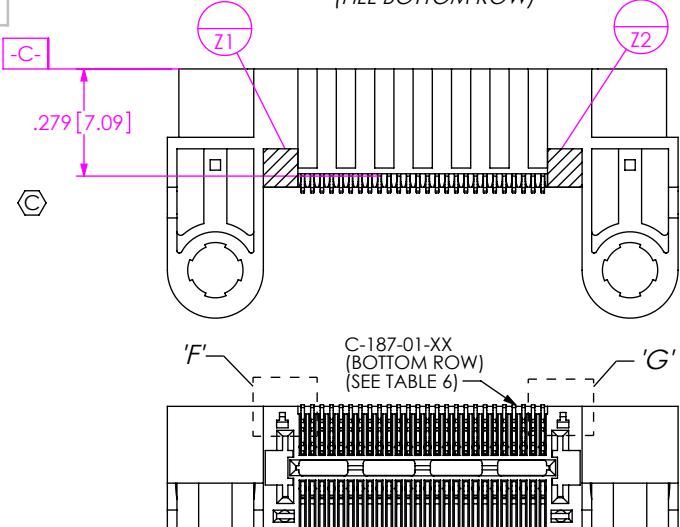
100m DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY

S-XXX-XX-XX-D-RA-XXX-X-XX

CLAY W 8/25/2006 SHEET 2 OF 6

REVISION AF

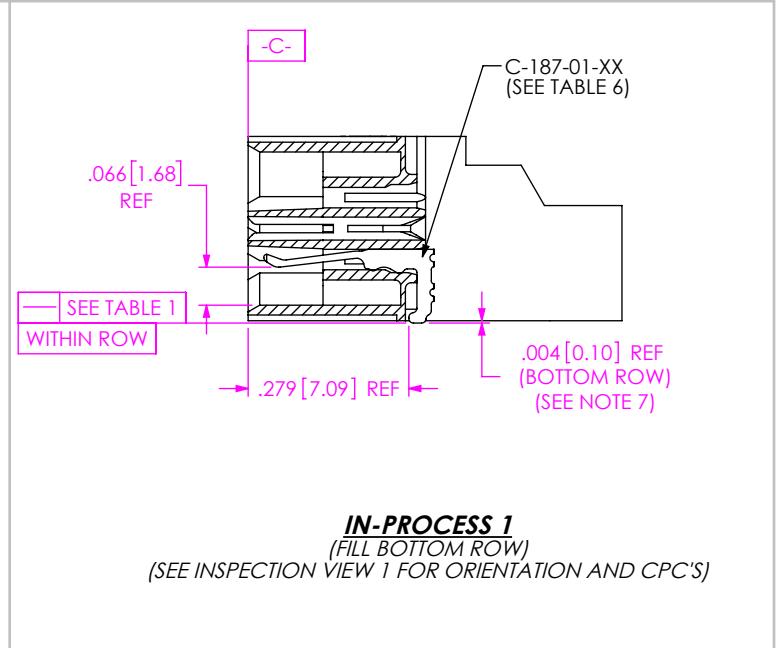
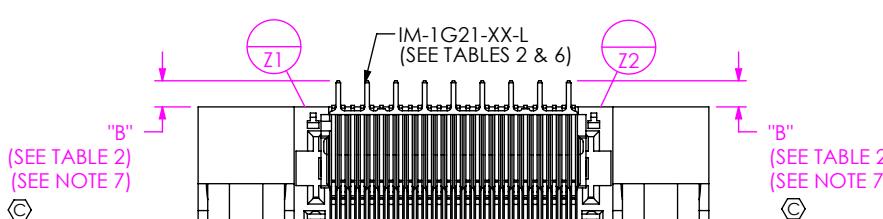
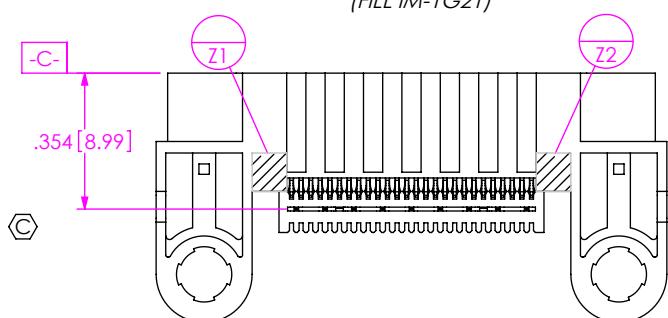
INSPECTION VIEW 1
(FILL BOTTOM ROW)



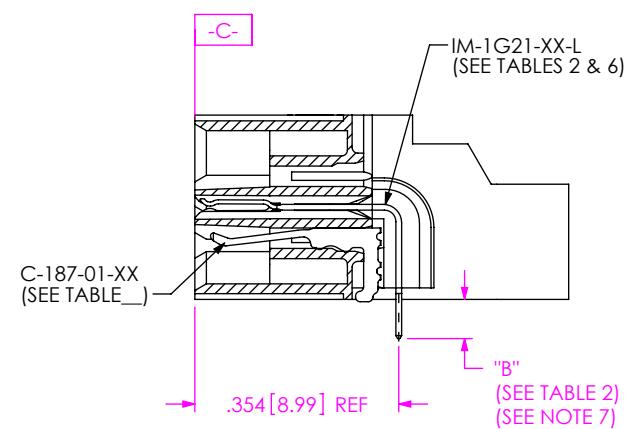
DETAIL 'F'
SCALE 8 : 1

DETAIL 'G'
SCALE 8 : 1

INSPECTION VIEW 2
(FILL IM-1G21)



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



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

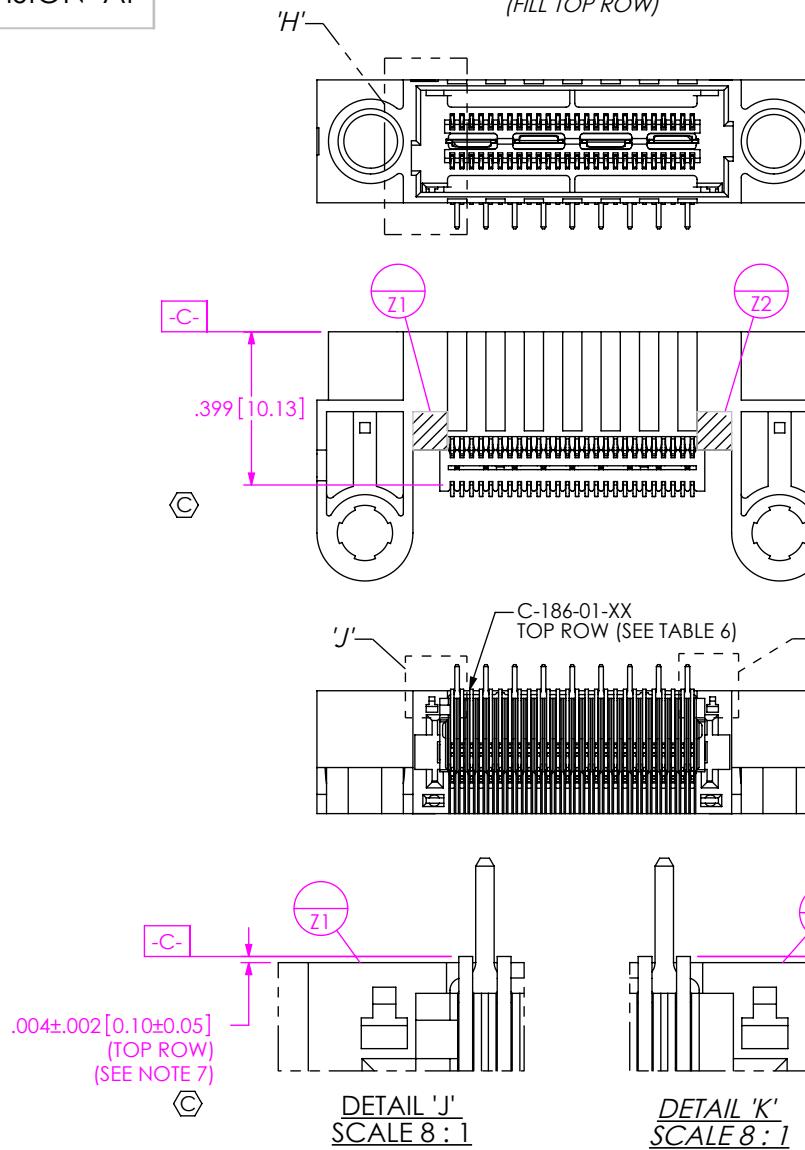
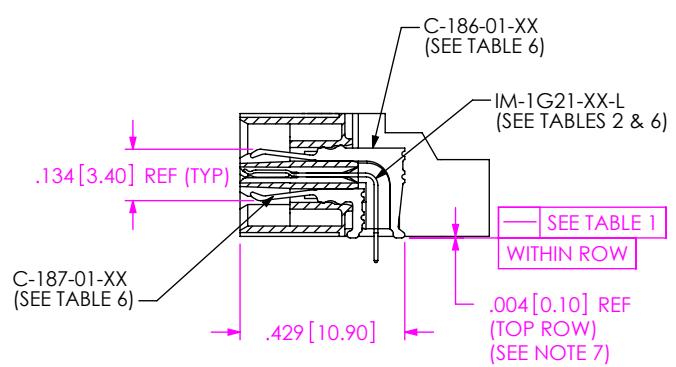
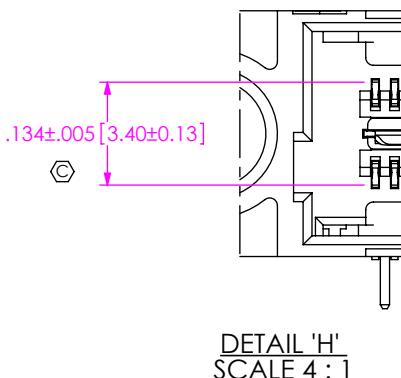
INSPECTION VIEW 3
(FILL TOP ROW)

TABLE 6: PLATING SPECIFICATIONS				
	CONTACT	CONTACT	GROUND PLANE	
-SL	C-186-01-SL: 10 μ " GOLD CONTACT, MATTE TIN TAIL	C-187-01-SL: 10 μ " GOLD CONTACT, MATTE TIN TAIL	IM-1G21-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL	C-79-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL
-S	C-186-01-S: 30 μ " GOLD CONTACT, MATTE TIN TAIL	C-187-01-S: 30 μ " GOLD CONTACT, MATTE TIN TAIL	IM-1G21-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL	C-79-XX-S: 30 μ " GOLD CONTACT, MATTE TIN TAIL
-L	C-186-01-L: 10 μ " GOLD CONTACT, 3 μ " GOLD TAIL	C-187-01-L: 10 μ " GOLD CONTACT, 3 μ " GOLD TAIL	IM-1G21-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL	C-79-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL
-H	C-186-01-H: 30 μ " GOLD CONTACT, 3 μ " GOLD TAIL	C-187-01-H: 30 μ " GOLD CONTACT, 3 μ " GOLD TAIL	IM-1G21-XX-L: 10 μ " GOLD CONTACT, MATTE TIN TAIL	C-79-XX-H: 50 μ " GOLD CONTACT, 3 μ " 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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DO NOT SCALE DRAWING	
SHEET SCALE: 1:1	
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 4 OF 6

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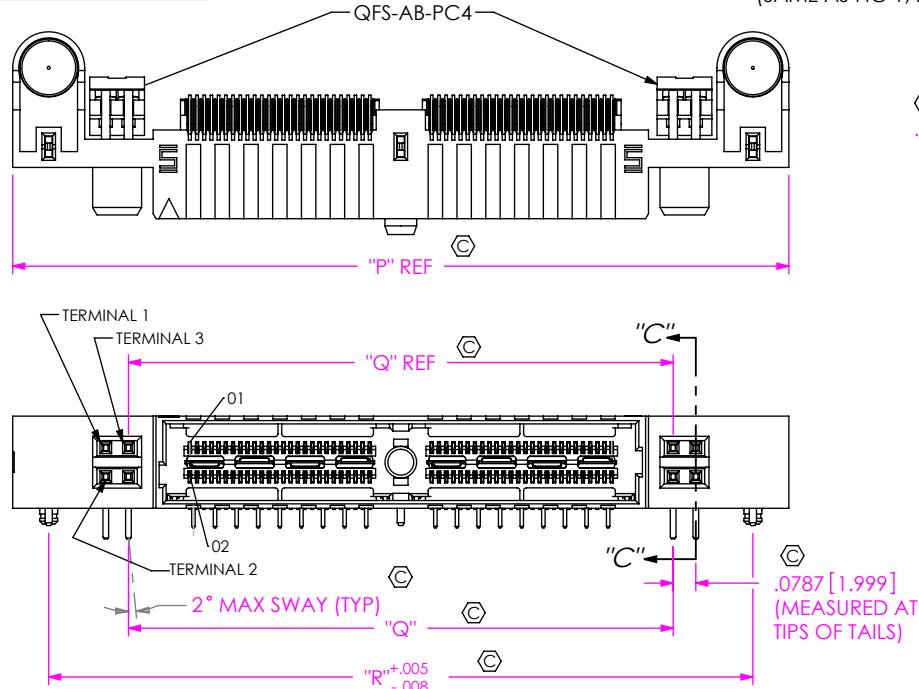
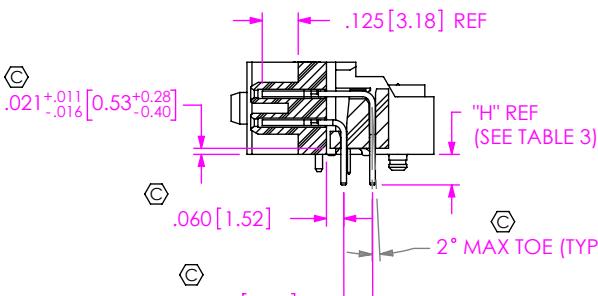
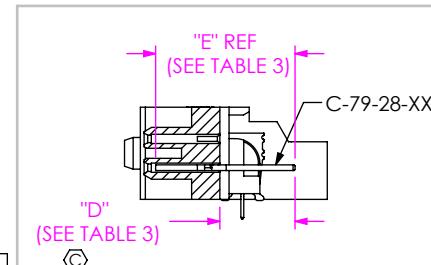
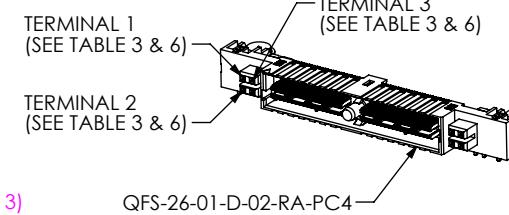
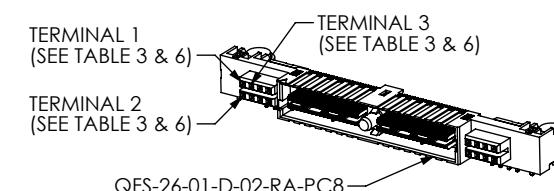
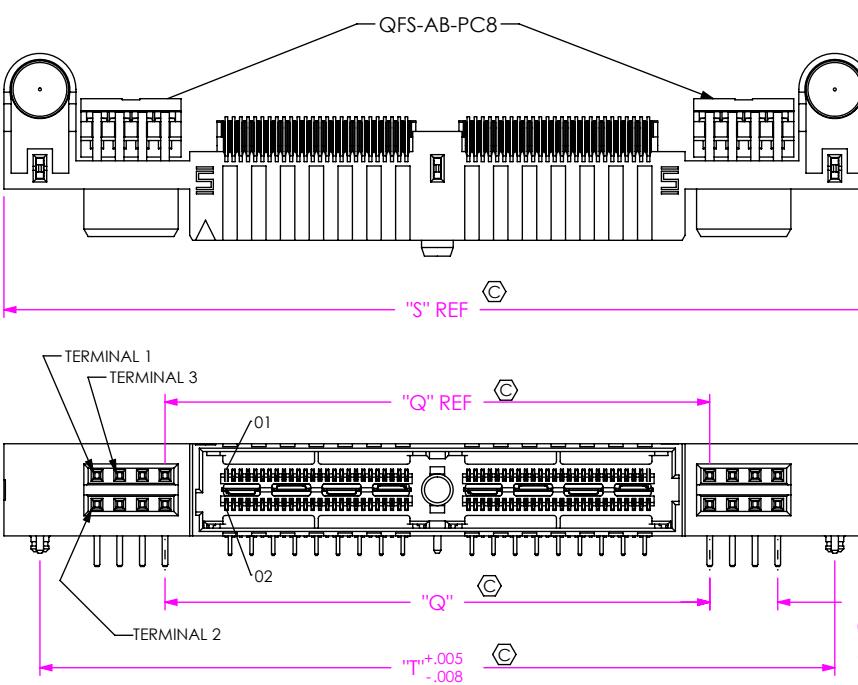


FIG 2
(QFS-052-01-XX-D-RA-PC4 SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

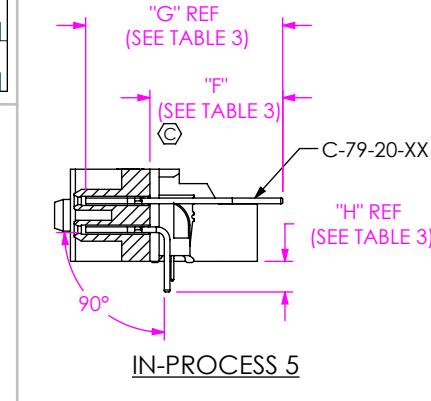


SECTION "C"-C
SCALE 1.5:1

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]



IN-PROCESS 4



IN-PROCESS 5

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-ASSEMBLY

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

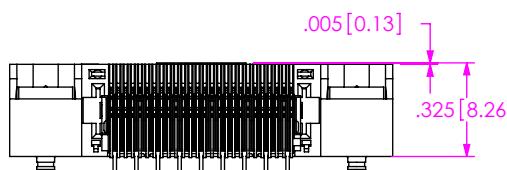
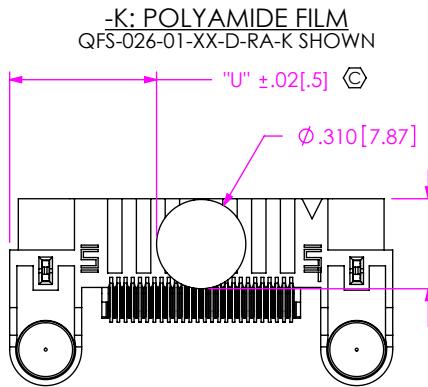


FIG 4
(QFS-104-01-XX-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

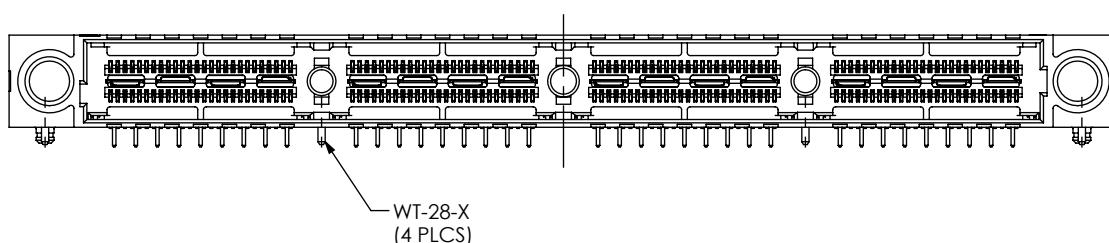
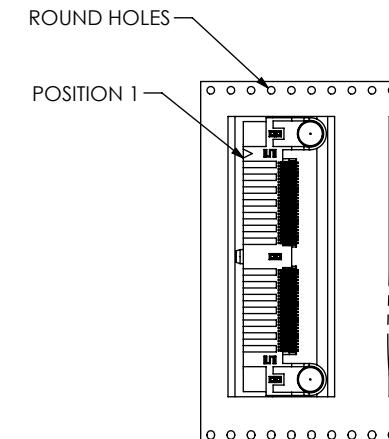
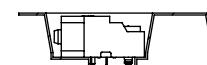


TABLE 4			
POS.	STANDARD & -MG	-PC4	-PC8
"U"			
-026	0.511 [12.98]	0.774 [19.66]	0.931 [23.65]
-052	0.931 [23.65]	1.194 [30.33]	1.351 [34.32]
-078	1.351 [34.32]	1.614 [41.00]	1.771 [44.98]
-104	1.771 [44.98]	2.033 [51.65]	2.091 [53.11]

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



USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



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

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