REVISION AC

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

DO NOT SCALE FROM THIS PRINT

ERF5-XXX-XX.X-X-DV-XX-X-XR

No OF POSITIONS (PER ROW)
-005, -010, -020,
-030, -040, -050,
-060, -070, -075

LEAD STYLE
-05.0 = 5MM
-07.0 = 7MM

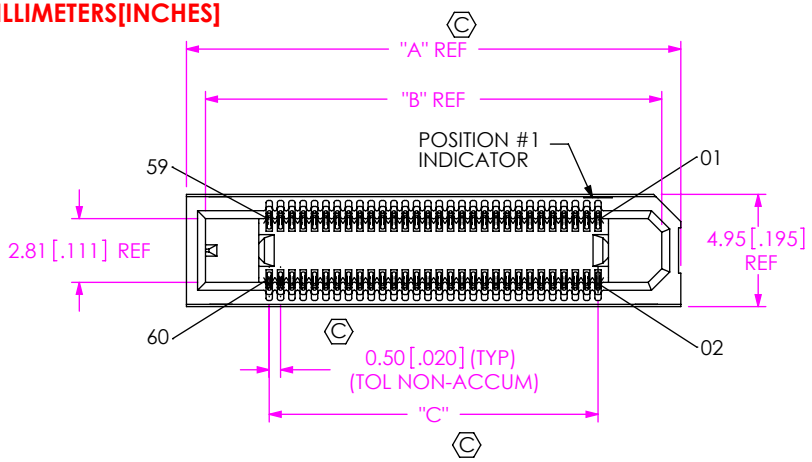
PLATING SPECIFICATION
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL

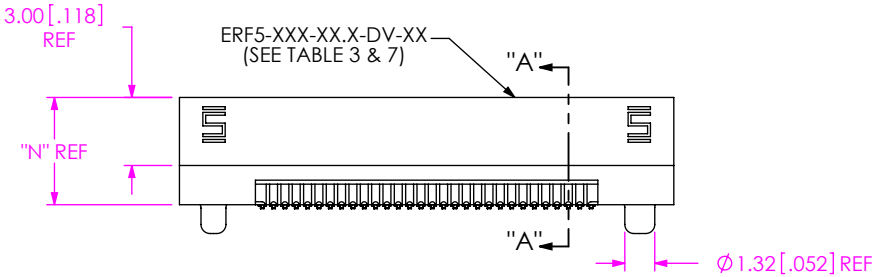
ROW SPECIFICATION
-DV: DOUBLE VERTICAL

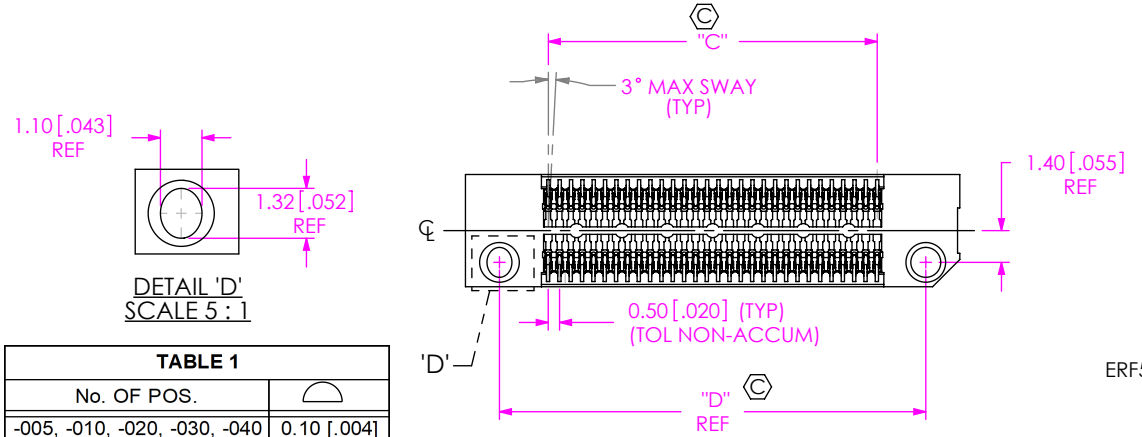
TAPE & REEL (SEE NOTES 4 & 5)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

PICK & PLACE OPTION
-K: POLYIMIDE FILM

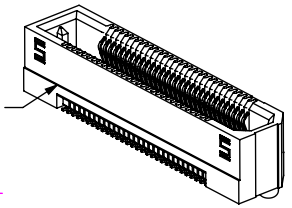
OPTION
-FL: FRICTION LOCK (OPTION INCLUDES A WELD TAB) (ONLY AVAILABLE UP TO 30 POSITIONS) (FOR MATING WITH ERM5...DV...-FL)
-WT: WELD TAB
-L: LATCH (NOT AVAILABLE WITH -FL OR -WT OPTIONS) (ONLY AVAILABLE WITH -020, -030, & -040 POSITIONS AND -05.0 LEAD STYLE)

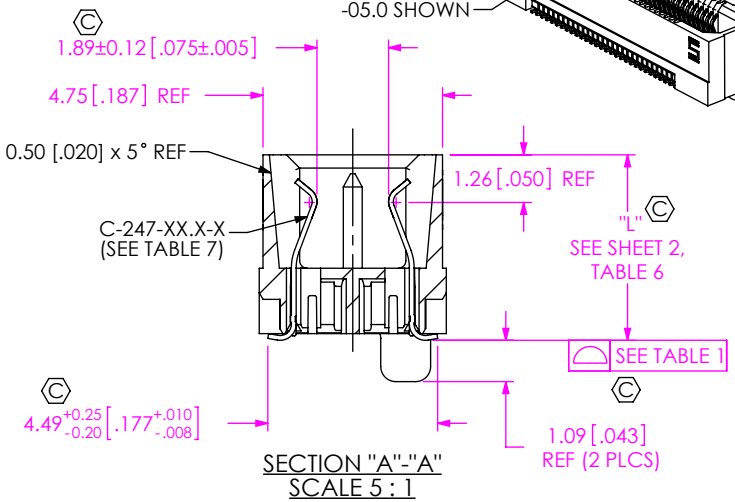






DETAIL 'D'
SCALE 5 : 1





SECTION "A"-"A"
SCALE 5 : 1

FIG 1
ERF5-030-05.0-X-DV-XX-XR SHOWN

TABLE 1	
No. OF POS.	
-005, -010, -020, -030, -040	0.10 [.004]
-050, -060, -070, -075	0.13 [.005]

TABLE 2 (REF) STACK HEIGHT			
ERF5 LEAD STYLE	ERM5 LEAD STYLE		
	-02.0	-04.0	-05.0
-05.0	7.0MM	9.0MM	10.0MM
-07.0	9.0MM	11.0MM	12.0MM

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.038[.0015]
3. MINIMUM CONTACT PUSHOUT FORCE: 1.6 N [.4 LB];
   MINIMUM WELD TAB PUSHOUT FORCE: 4.45 N [1 LB];
   MINIMUM LATCH PUSHOUT FORCE: 2.25 N [.51LB].
4. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
5. ATTACH LABEL TO EACH REEL.

F:\DWG\MISC\MKTG\ERF5-XXX-XX.X-X-DV-XX-X-XR-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.13 [.005]
X.XXX: ±0.050 [.0020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
CONTACT : BeCu

WORLDPO连接器
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047

DESCRIPTION:
0.5MM EDGE RATE SOCKET ASSEMBLY

DWG. NO.
ERF5-XXX-XX.X-X-DV-XX-X-XR

BY: CLAY W 09-23-2010 SHEET 1 OF 4

REVISION AC

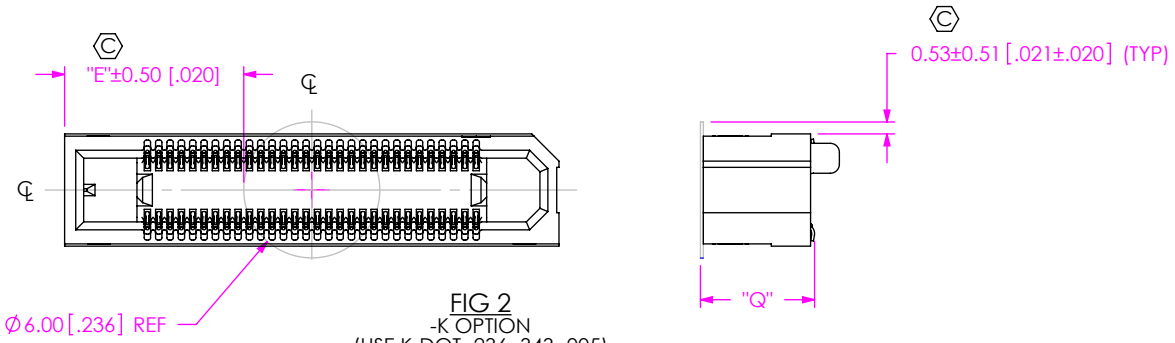
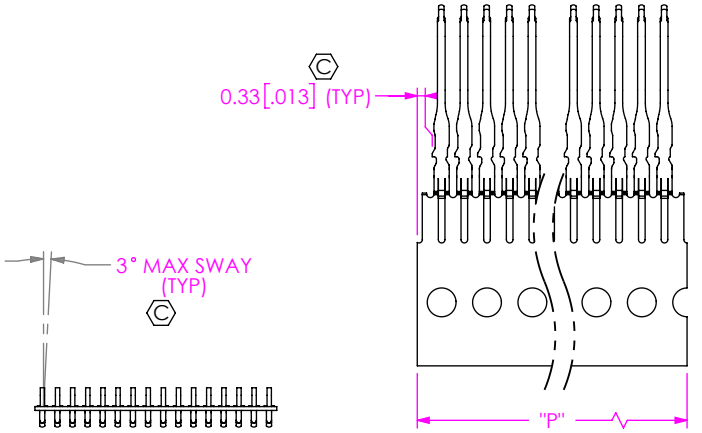


FIG 2
-K OPTION
(USE K-DOT-.236-.343-.005)
ERF5-030-05.0-X-DV-K-XR SHOWN



IN PROCESS 1
CUT C-247-XX.X-X CONTACT COMBS
(ALL TAILS SAME DIRECTION)

TABLE 6			
LEAD STYLE	"Q"	"L"	"N"
-05.0	5.03 [0.198]	4.91 [0.193]	4.73 [0.186]
-07.0	7.03 [0.277]	6.91 [0.272]	6.73 [0.265]

TABLE 8	
POSITION	"P"
-005	3.00 [0.118]
-010	5.50 [0.216]
-020	10.50 [0.413]
-030	15.50 [0.610]
-040	20.50 [0.807]
-050	25.50 [1.004]
-060	30.50 [1.201]
-070	35.50 [1.398]
-075	38.00 [1.496]

TABLE 3				
POSITION	"A"	"B"	"C"	"D"
-005	9.30 [0.366]	7.62 [0.300]	2.00 [0.079]	6.30 [0.248]
-010	11.80 [0.465]	10.12 [0.398]	4.50 [0.177]	8.80 [0.346]
-020	16.80 [0.661]	15.12 [0.595]	9.50 [0.374]	13.80 [0.543]
-030	21.80 [0.858]	20.12 [0.792]	14.50 [0.571]	18.80 [0.740]
-040	26.80 [1.055]	25.12 [0.989]	19.50 [0.768]	23.80 [0.937]
-050	31.80 [1.252]	30.12 [1.186]	24.50 [0.965]	28.80 [1.134]
-060	36.80 [1.449]	35.12 [1.383]	29.50 [1.161]	33.80 [1.331]
-070	41.80 [1.646]	40.12 [1.580]	34.50 [1.358]	38.80 [1.528]
-075	44.30 [1.744]	42.62 [1.678]	37.00 [1.457]	41.30 [1.626]

TABLE 9						
POSITION	"E"					
	-K		-K-WT		-K-FL	
-005	1.65	[0.065]	3.15	[0.124]	3.15	[0.124]
-010	2.90	[0.114]	4.40	[0.173]	4.40	[0.173]
-020	5.40	[0.213]	6.90	[0.271]	6.90	[0.271]
-030	7.90	[0.311]	9.40	[0.370]	9.40	[0.370]
-040	10.40	[0.409]	11.90	[0.469]		
-050	12.90	[0.508]	14.40	[0.567]		
-060	15.40	[0.606]	16.90	[0.665]		
-070	17.90	[0.705]	19.40	[0.764]		
-075	19.15	[0.754]	20.65	[0.813]		

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SHEET SCALE: 2:1

WORLDPO连接器

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047

DESCRIPTION:
0.5MM EDGE RATE SOCKET ASSEMBLY

DWG. NO.
ERF5-XXX-XX.X-X-DV-XX-X-XR

BY: CLAY W 09-23-2010 SHEET 2 OF 4

REVISION AC

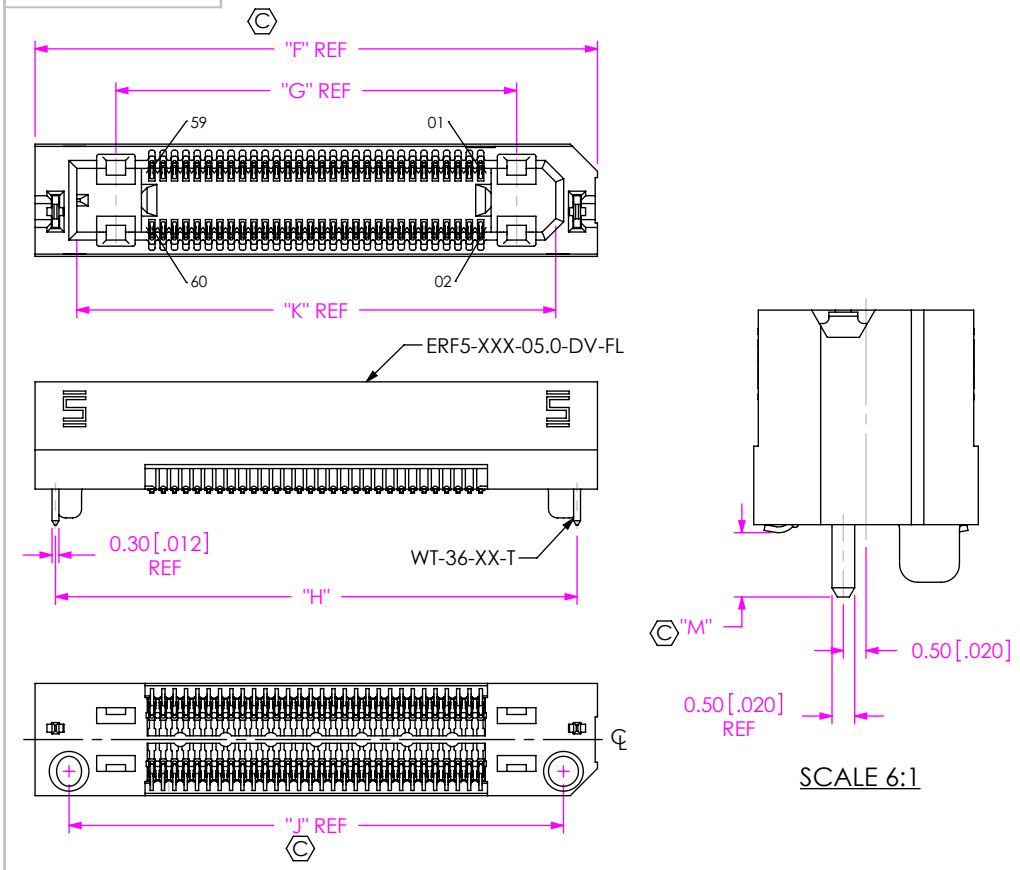


FIG 3
ERF5-030-05.0-X-DV-FL-XR SHOWN
(SAME AS FIG 1 EXCEPT AS SHOWN)
(OPTION INCLUDES A WELD TAB, ONLY AVAILABLE UP TO 30 POSITIONS)

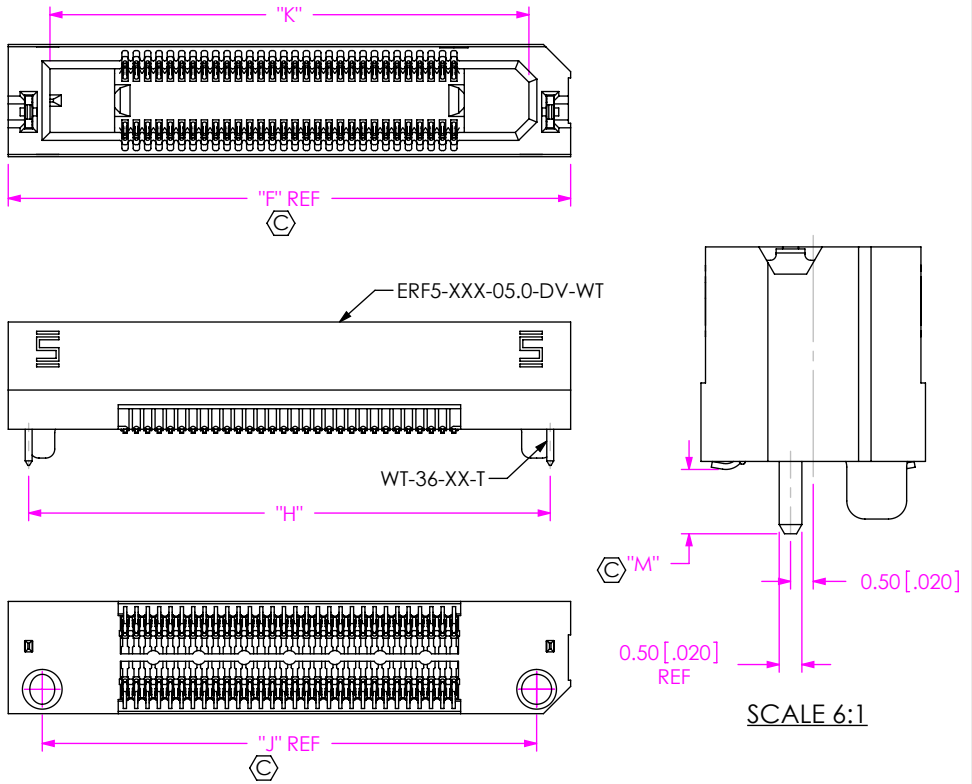


FIG 4
ERF5-030-05.0-X-DV-WT-XR SHOWN
(SAME AS FIG 3 EXCEPT AS SHOWN)

TABLE 7				
LEAD STYLE	ERF5-XXX-XX.X-DV-XX	C-247-XX.X-X	WT-36-XX-T	"M"
-05.0	ERF5-XXX-05.0-DV-XX	C-247-05.0-X	WT-36-01-T	1.42 [0.056]
-07.0	ERF5-XXX-07.0-DV-XX	C-247-07.0-X	WT-36-03-T	1.27 [0.050]

TABLE 4					
POSITION	"F"	"G"	"H"	"J"	"K"
-005	12.30 [0.484]	5.17 [0.204]	10.50 [0.413]	9.30 [0.366]	8.62[0.340]
-010	14.80 [0.583]	7.67 [0.302]	13.00 [0.512]	11.80 [0.465]	11.12[0.438]
-020	19.80 [0.780]	12.67 [0.499]	18.00 [0.709]	16.80 [0.661]	16.12[0.635]
-030	24.80 [0.976]	17.67 [0.696]	23.00 [0.906]	21.80 [0.858]	21.12[0.831]
-040	29.80 [1.173]	22.67 [0.893]	28.00 [1.102]	26.80 [1.055]	26.12[1.028]
-050	34.80 [1.370]	27.67 [1.089]	33.00 [1.299]	31.80 [1.252]	31.12[1.225]
-060	39.80 [1.567]	32.67 [1.286]	38.00 [1.496]	36.80 [1.449]	36.12[1.422]
-070	44.80 [1.764]	37.67 [1.483]	43.00 [1.693]	41.80 [1.646]	41.12[1.619]
-075	47.30 [1.862]	40.17 [1.581]	45.50 [1.791]	44.30 [1.744]	43.62[1.717]

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SHEET SCALE: 2:1

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ERF5-XXX-XX.X-X-DV-XX-X-XR

BY: CLAY W 09-23-2010 SHEET 3 OF 4

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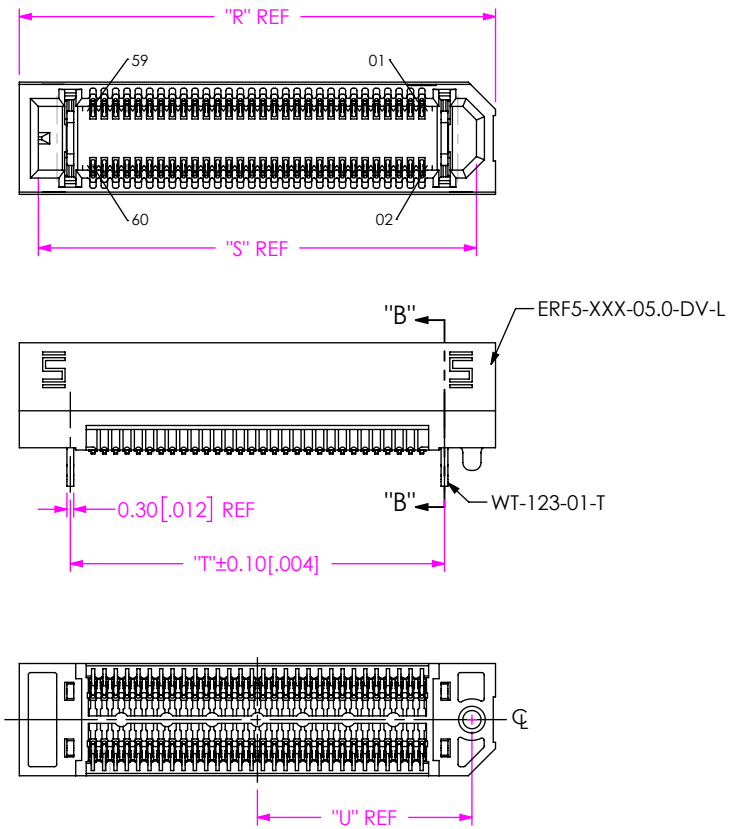
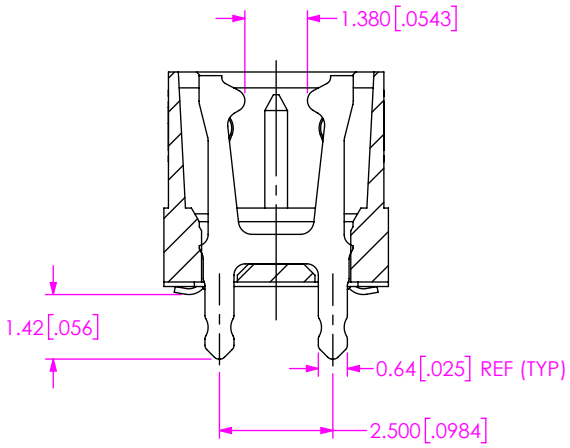


FIG 5
ERF5-030-05.0-X-DV-L-XR SHOWN
(SAME AS FIG 1 EXCEPT AS SHOWN)



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

TABLE 5				
POSITION	"R"	"S"	"T"	"U"
-020	16.00 [0.630]	14.32 [0.564]	11.500 [0.4528]	6.96 [0.274]
-030	21.00 [0.827]	19.32 [0.761]	16.500 [0.6496]	9.46 [0.372]
-040	26.00 [1.024]	24.32 [0.957]	21.500 [0.8465]	11.96 [0.471]

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WORLDPO连接器

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047

DESCRIPTION:
0.5MM EDGE RATE SOCKET ASSEMBLY

DWG. NO.
ERF5-XXX-XX.X-X-DV-XX-X-XR

BY: CLAY W 09-23-2010 SHEET 4 OF 4

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