REVISION B   DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

DO NOT
SCALE FROM
THIS PRINT

ERF8-XXX-XX.X-X-DV-XX
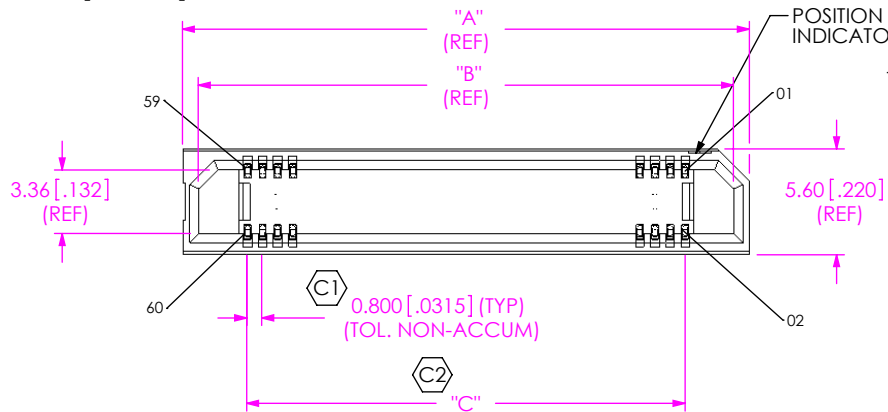
POSITION #1
INDICATOR

No OF POSITIONS
(PER ROW)
-010, -011, -013, -020, -023, -025,
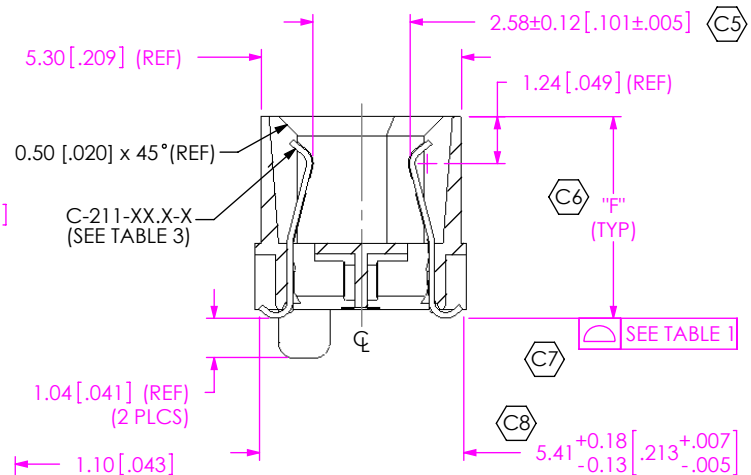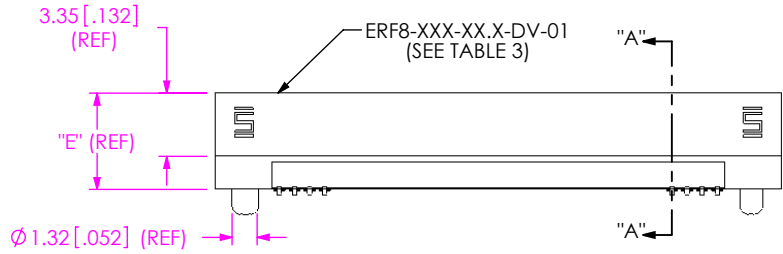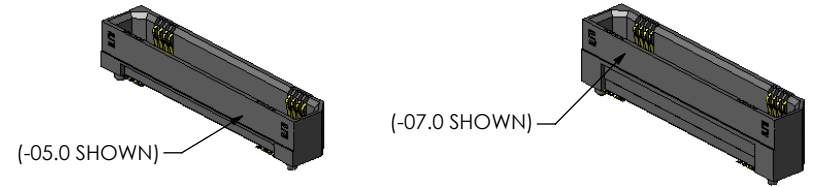-030, -040, -049, -050, -060,
-070, -075,*-100

OPTION
-K: POLYAMIDE FILM PAD
-TR: TAPE & REEL
**-L : ESD LATCHES
(AVAILABLE ONLY ON
-05.0 LEAD STYLE)

ROW SPECIFICATION
-DV: DOUBLE VERTICAL

LEAD STYLE
-05.0 = 5mm
**-07.0 = 7mm

PLATING SPECIFICATION
-L: LIGHT SELECTIVE GOLD / MATTE TIN
(USE C-211-XX.X-L)
-S: SELECTIVE GOLD / MATTE TIN
(USE C-211-XX.X-S)

* = NOT TOOLED
** = NOT RELEASED FOR PRODUCTION

"A" (REF)
"B" (REF)
3.36[.132] (REF)
5.60[.220] (REF)
0.800[.0315] (TYP) (TOL. NON-ACCUM)
C1
C2
"C"

3.35[.132] (REF)
ERF8-XXX-XX.X-DV-01 (SEE TABLE 3)
"A"
"E" (REF)
"A"
Ø1.32[.052] (REF)

C3
"C"
3° MAX SWAY (TYP)
3.40[.134]
0.50 [.020] x 45°(REF)
5.30[.209] (REF)
2.58±0.12[.101±.005]   C5
1.24[.049] (REF)
C-211-XX.X-X (SEE TABLE 3)
C6 "F" (TYP)
SEE TABLE 1
C7
1.50[.059] (REF)
1.04[.041] (REF) (2 PLCS)
C8
5.41 +0.18 -0.13 [.213 +.007 -.005]
1.10[.043] REF
1.32[.052] REF
0.800[.0315] (TYP) (TOL NON ACCUM)   C4
"D" (REF)

FIG.1
(ERF8-030-05.0-X-DV-XX SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)

(-05.0 SHOWN)
(-07.0 SHOWN)

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

C

DETAIL 'D'
SCALE 5 : 1

NOTES:
1. C REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 2.22 N [.5 LB.]
4. PARTS TO BE PACKAGED IN TRAYS, UNLESS -TR OPTION IS SPECIFIED.

TABLE 1

No. OF POS.	⌒
-010, -011, -013, -020, -025, -023 -030	0.10 [.004]
-040, -049, -050, -060	0.12 [.005]
-070,-075,*-100	0.12 [.005]

(* = NOT TOOLED)

TABLE 2 (REF)
STACK HEIGHT

ERF8 LEAD STYLE	ERM8 LEAD STYLE		
	-02.0	-05.0	**-09.0
-05.0	7.0MM	10.0MM	14.0MM
**-07.0	9.0MM	12.0MM	16.0MM

(** = NOT RELEASED FOR PRODUCTION)

TABLE 3

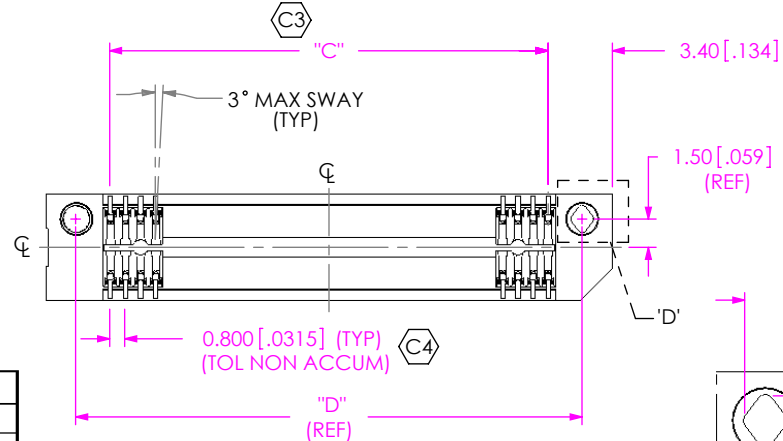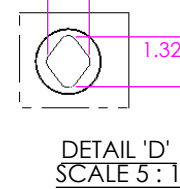| OPTION	STYLE	ERF8-XXX-XX.X-DV-XX	C-211-XX.X-X	WT-30-01-F
NONE	-05.0	ERF8-XXX-05.0-DV-01	C-211-05.0-X	WT-30-01-F
	**-07.0	ERF8-XXX-07.0-DV-01	C-211-07.0-X	WT-30-01-F
**-L	-05.0	ERF8-XXX-05.0-DV-L	C-211-05.0-X	WT-30-01-F

(** = NOT RELEASED FOR PRODUCTION)

F:\DWG\MISC\MKTG\ERF8-XXX-XX.X-X-DV-XX-MKT.SLDDRW

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT & LATCHES: BeCu

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:
.8MM EDGE RATE SOCKET ASSEMBLY

DWG. NO.
ERF8-XXX-XX.X-X-DV-XX

DESIGNED WITH SolidWorks

BY: KNOWLDEN   9/26/2005   SHEET 1 OF 2

REVISION B

TABLE 4

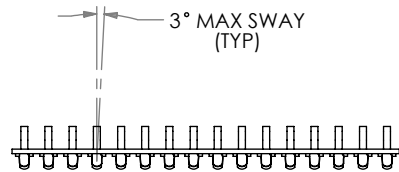| POSITION	"A"	"B"	"C"	"D"	"H"
-010	14.00 [.551]	12.32 [.485]	7.200 [.2835]	10.80 [.425]	4.00 [.157]
-011	14.80 [.583]	13.12 [.517]	8.000 [.3150]	11.60 [.457]	4.40 [.173]
-013	16.40 [.646]	14.72 [.580]	9.600 [.3780]	13.20 [.520]	5.20 [.205]
-020	22.00 [.866]	20.32 [.800]	15.200 [.5984]	18.80 [.740]	8.00 [.315]
-023	24.40 [.961]	22.72 [.894]	17.600 [.6929]	21.20 [.835]	10.40 [.409]
-025	26.00 [1.024]	24.32 [.957]	19.200 [.7559]	22.80 [.898]	10.00 [.394]
-030	30.00 [1.181]	28.32 [1.115]	23.200 [.9134]	26.80 [1.055]	12.00 [.472]
-040	38.00 [1.496]	36.32 [1.423]	31.200 [1.2283]	34.80 [1.370]	16.00 [.630]
-049	45.20 [1.780]	43.52 [1.713]	38.400 [1.5118]	42.00 [1.654]	19.60 [.772]
-050	46.00 [1.811]	44.32 [1.745]	39.20 [1.543]	42.80 [1.685]	20.00 [.787]
-060	54.00 [2.126]	52.32 [2.060]	47.20 [1.858]	50.80 [2.000]	24.00 [.945]
-070	62.00 [2.441]	60.32 [2.375]	55.20 [2.173]	58.80 [2.315]	28.00 [1.102]
-075	66.00 [2.598]	64.32 [2.532]	59.20 [2.331]	62.80 [2.472]	30.00 [1.181]
*-100	86.00 [3.386]	84.32 [3.320]	79.20 [3.118]	82.80 [3.260]	40.00 [1.575]

(* = NOT TOOLED)

"H" ±0.50[.020]

Ø6.00 [.236]
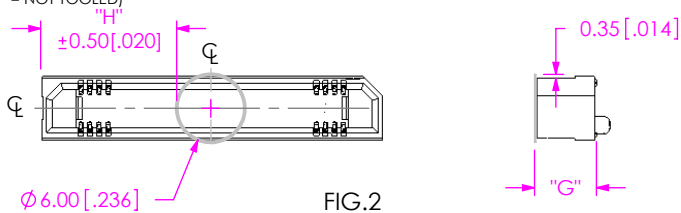
FIG.2
-K OPTION
(USE K-500-300)
(ERF8-030-XX.X-X-DV-K SHOWN)

0.35 [.014]

"G"

3° MAX SWAY
(TYP)

C-211-XX.X-X IN-PROCESS VIEW

TABLE 6

POSITION	"J"	"K"	"L"	"M"
-010	15.50 [.610]	11.14 [.439]	13.8 [.543]	4.75 [.187]
-011	16.30 [.642]	11.94 [.470]	14.6 [.575]	5.15 [.203]
-013	17.90 [.705]	13.54 [.533]	16.2 [.638]	5.95 [.234]
-020	23.50 [.925]	19.14 [.754]	21.8 [.858]	8.75 [.344]
-023	25.90 [1.020]	21.54 [.848]	24.2 [.953]	11.15 [.439]
-025	27.50 [1.083]	23.14 [.911]	25.8 [1.016]	10.75 [.423]
-030	31.50 [1.240]	27.14 [1.069]	29.8 [1.173]	12.75 [.502]
-040	39.50 [1.555]	35.14 [1.383]	37.8 [1.488]	16.75 [.659]
-049	46.70 [1.839]	42.34 [1.667]	45.0 [1.772]	20.35 [.801]
-050	47.50 [1.870]	43.14 [1.698]	45.8 [1.803]	20.75 [.817]
-060	55.50 [2.185]	51.14 [2.013]	53.8 [2.118]	24.75 [.974]
-070	63.50 [2.500]	59.14 [2.328]	61.8 [2.433]	28.75 [1.132]
-075	67.50 [2.657]	63.14 [2.486]	65.8 [2.591]	30.75 [1.211]
*-100	87.50 [3.445]	83.14 [3.273]	85.8 [3.378]	40.75 [1.604]

(* = NOT TOOLED)

TABLE 5

HEIGHT	"E"	"F"	"G"
-05.0	5.10 [.201]	5.335 [.2100]	5.52 [.217]
**-07.0	7.00 [.275]	7.200 [.2835]	7.37 [.290]

(** = NOT RELEASED FOR PRODUCTION)

"B" "B"

"J" (REF)

"K"

C9

'C'

WT-30-01-F

0.25 [.010]
(REF)

"L"

C10

C12

2° MAX SWAY
(EITHER DIRECTION)

SECTION "B"-"B"
SCALE 2.5 : 1

DETAIL 'C'
SCALE 5 : 1

2.05 [.081]
(REF)

1.17 [.046]

0.94 [.037] (REF)

C11

0.64 [.025]
(REF)
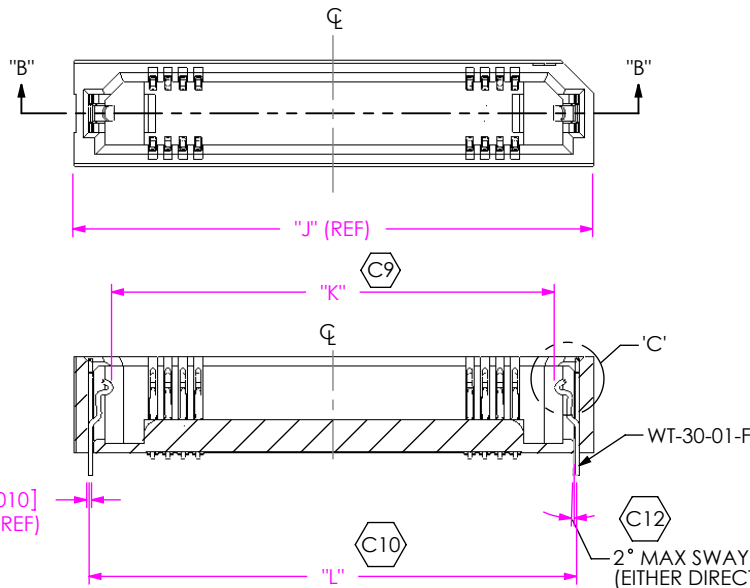
FIG. 3
(ERF8-025-05.0-X-DV-L SHOWN)
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(AVAILABLE ON -05.0 LEAD STYLE ONLY)
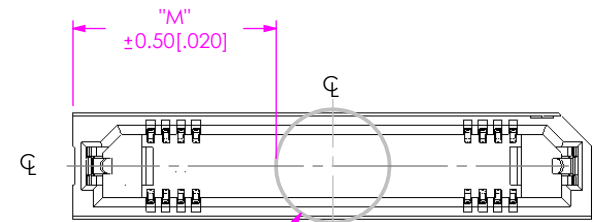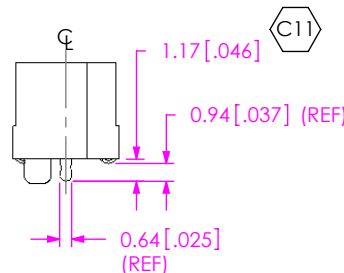(CENTER FEATURES REMOVED FOR CLARITY)
** NOT RELEASED FOR PRODUCTION

"M"
±0.50[.020]

Ø6.00 [.236]

FIG. 4
(ERF8-025-05.0-X-DV-K-L SHOWN)
(SAME AS FIG. 2, EXCEPT AS SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)

DESCRIPTION:
.8MM EDGE RATE SOCKET ASSEMBLY

DWG. NO.
ERF8-XXX-XX.X-X-DV-XX

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

BY:KNOWLDEN   9/26/2005   SHEET 2 OF 2

F:\DWG\MISC\MKTG\ERF8-XXX-XX.X-X-DV-XX-MKT.SLDDRW