

**DO NOT
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THIS PRINT**

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

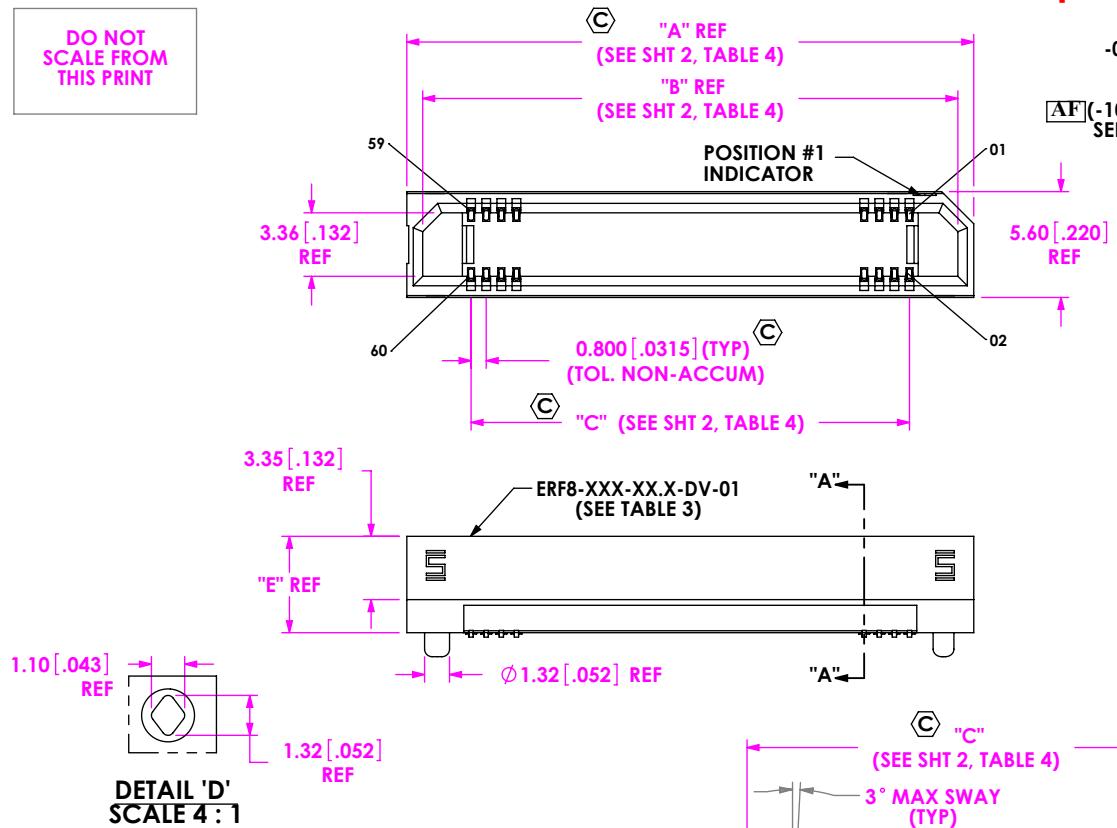


TABLE 1

TABLE 1

TABLE 2 REF
STACK HEIGHT

ERF8 LEAD STYLE	ERM8 LEAD STYLE				
	-02.0	-05.0	-08.0	-09.0	**-15.0
-05.0	7.0MM	10.0MM	13.0MM	14.0MM	20.0MM
-07.0	9.0MM	12.0MM	15.0MM	16.0MM	22.0MM
**-10.0	12.0MM	15.0MM	18.0MM	19.0MM	25.0MM

(** = NOT TOOLED)

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 2.22 N [.5 LB.]
4. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR EIA-481-D REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PIECES, NO LEADER, TRAILOR WILL BE SUPPLIED.
5. NOT AVAILABLE WITH -EGP, -E, -W, -L2 OR -EGPS OPTIONS.
6. OPTION ONLY AVAILABLE ON -07.0 LEAD STYLE.
7. -TR PACKAGING NOT AVAILABLE ON 100 POSITION ONLY AVAILABLE IN TRAYS
8. NOTE DELETED.
9. NOT AVAILABLE WITH L, L2, E, OR W OPTIONS.

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

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

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS [INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ± 0.3 [.01]
X.XX: ± 0.13 [.005]
X.XXX: ± 0.06 [.0020]

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

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WING SHEET SCALE:

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-mail: info@SAMTEC.com code 55322

0.8MM EDGE RATE SOCKET ASSEMBLY

G. NO. **ERF8-XXX-XX.X-X-DV-XXXX-TR**

KNOWLEDEN 8/26/2005 SHEET 1 OF 1

TABLE 7

EAST BLVD, NEW ALBANY, IN 47150
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20 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:

G. NO _____

FRF8-XXX-XX X-X-DV-XXXXX-TR

7. KNOWLEDEN 8/24/2025 SHEET 1 OF

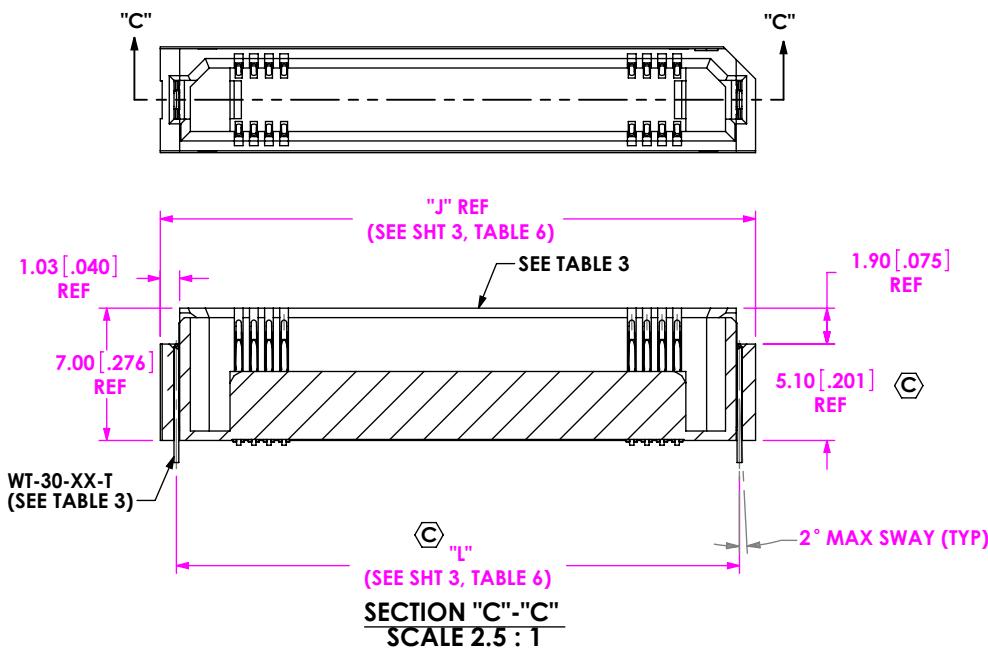
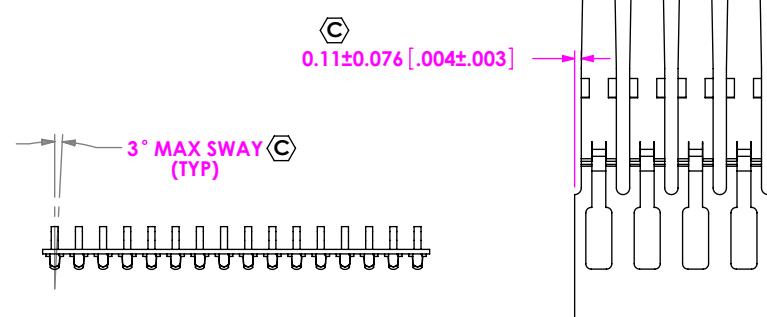
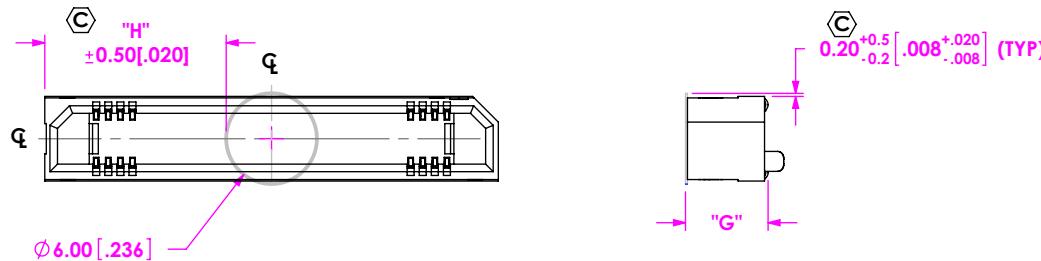


FIG 3
-E AND -EGP OPTION
(ERF8-030-07.0-X-DV-EGP SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(AVAILABLE ON -07.0 LEAD STYLE ONLY)
(CENTER FEATURES REMOVED FOR CLARITY)

POSITION	"A"	"B"	"C"	"D"	"H"
-005	10.00 [.394]	8.32 [.328]	3.200 [.1260]	6.80 [.268]	2.00 [.079]
-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]
-035	34.00 [1.339]	32.32 [1.272]	27.200 [1.0708]	30.80 [1.213]	14.00 [.561]
-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]	39.200 [1.5433]	42.80 [1.685]	20.00 [.787]
-060	54.00 [2.126]	52.32 [2.060]	47.200 [1.8583]	50.80 [2.000]	24.00 [.945]
-070	62.00 [2.441]	60.32 [2.375]	55.200 [2.1732]	58.80 [2.315]	28.00 [1.102]
-075	66.00 [2.598]	64.32 [2.532]	59.200 [2.3307]	62.80 [2.472]	30.00 [1.181]
-100	86.00 [3.386]	84.32 [3.320]	79.200 [3.1181]	82.80 [3.260]	40.00 [1.575]

HEIGHT	"E"	"F"	"G"
-05.0	5.10 [.201]	5.335 [.2100]	5.52 [.217]
-07.0	7.00 [.275]	7.250 [.2854]	7.37 [.290]
**10.0	10.10 [.398]	10.335 [.4069]	10.52 [.414]

(** = NOT TOOLED)

TABLE 3					
OPTION	STYLE	ERF8-XXX-XX.X-DV-XX	C-211-XX.X-X	WT-30-01-F	"T"
NONE	-05.0	ERF8-XXX-05.0-DV-01	C-211-05.0-X	N.A.	N.A.
	-07.0	ERF8-XXX-07.0-DV-01	C-211-07.0-X		
	**-10.0	ERF8-XXX-05.0-DV-01/ ERF8H-XXX-05.0-DV	C-211-07.0-X		
-L	-05.0	ERF8-XXX-05.0-DV-L	C-211-05.0-X	WT-30-01-F	0.94 [.037] 1.17 [.046]
-EGP	-07.0	ERF8-XXX-07.0-DV-EGP	C-211-07.0-X	WT-30-02-T	0.92 [.036] 1.17 [.046]
-EGPS	-07.0	ERF8-XXX-07.0-DV-EGPS	C-211-07.0-X	SH29XX-01-X	0.94 [.037] 1.17 [.046]
-W	-05.0	ERF8-XXX-05.0-DV-L	C-211-05.0-X	WT-30-05-T	1.40 [.055] 1.64 [.060]
-W	-07.0	ERF8-XXX-07.0-DV-L	C-211-05.0-X	WT-30-07-T	1.40 [.055] 1.64 [.060]
-E	-07.0	ERF8-XXX-07.0-DV-EGP	C-211-07.0-X	WT-30-05-T	1.40 [.055] 1.64 [.060]
-L2	-05.0	ERF8-XXX-05.0-DV-L	C-211-05.0-X	WT-30-04-F	1.40 [.055] 1.64 [.060]
-L2	-07.0	ERF8-XXX-07.0-DV-L	C-211-05.0-X	WT-30-06-F	1.40 [.055] 1.64 [.060]

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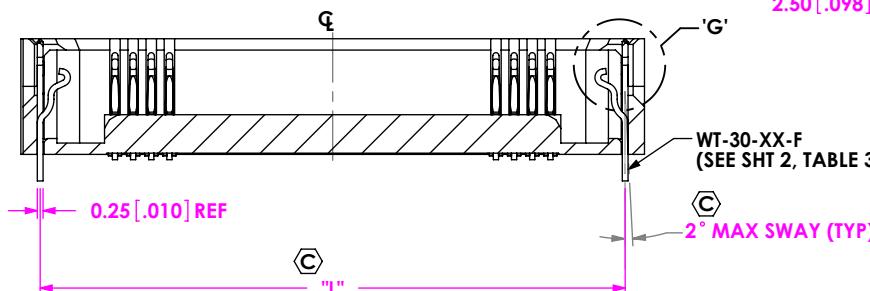
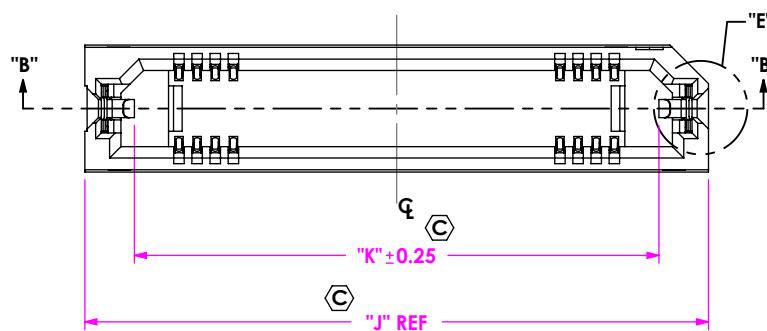
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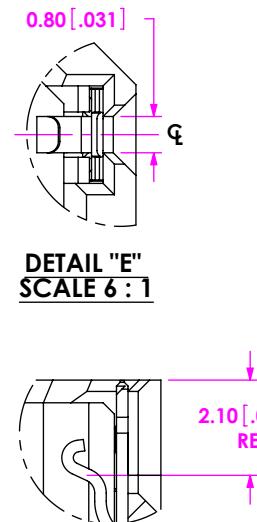
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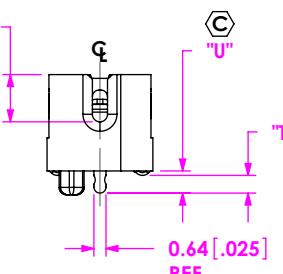
DESCRIPTION:
0.8MM EDGE RATE SOCKET ASSEMBLY
DWG. NO.
ERF8-XXX-XX.X-X-DV-XXXX-TR
BY: KNOWLDEN 9/26/2005 SHEET 2 OF 6



SECTION "B"- "B"
SCALE 3 : 1



DETAIL 'E'
SCALE 6 : 1



DETAIL 'G'
SCALE 6 : 1

AF

POSITION	"J"	"K"	"L"	"M"
-005	11.50 [.453]	7.13 [.281]	9.8 [.386]	2.75 [.108]
-010	15.50 [.610]	11.13 [.438]	13.8 [.543]	4.75 [.187]
-011	16.30 [.642]	11.93 [.470]	14.6 [.575]	5.15 [.203]
-013	17.90 [.705]	13.53 [.533]	16.2 [.638]	5.95 [.234]
-020	23.50 [.925]	19.13 [.753]	21.8 [.858]	8.75 [.344]
-023	25.90 [1.020]	21.53 [.848]	24.2 [.953]	9.95 [.391]
-025	27.50 [1.083]	23.13 [.911]	25.8 [1.016]	10.75 [.423]
-030	31.50 [1.240]	27.13 [1.068]	29.8 [1.173]	12.75 [.502]
-035	35.50 [1.398]	31.13 [1.226]	33.8 [1.330]	14.75 [.581]
-040	39.50 [1.555]	35.13 [1.383]	37.8 [1.488]	16.75 [.659]
-049	46.70 [1.839]	42.33 [1.667]	45.0 [1.772]	20.35 [.801]
-050	47.50 [1.870]	43.13 [1.698]	45.8 [1.803]	20.75 [.817]
-060	55.50 [2.185]	51.13 [2.013]	53.8 [2.118]	24.75 [.974]
-070	63.50 [2.500]	59.13 [2.328]	61.8 [2.433]	28.75 [1.132]
-075	67.50 [2.657]	63.13 [2.485]	65.8 [2.591]	30.75 [1.211]

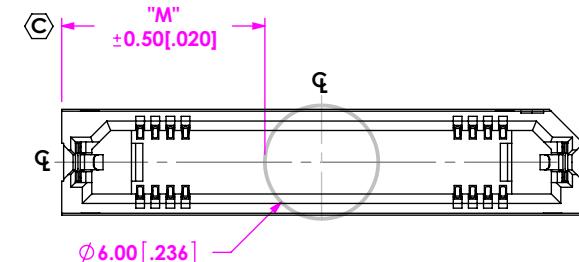


FIG 5
(ERF8-025-05.0-X-DV-K-L SHOWN)
(SAME AS FIG 1 & 2, EXCEPT AS SHOWN)
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DESCRIPTION: **0.8MM EDGE RATE SOCKET ASSEMBLY**DWG. NO. **ERF8-XXX-XX.X-X-DV-XXXX-TR**BY: **KNOLDEN** 9/26/2005 SHEET 3 OF 6

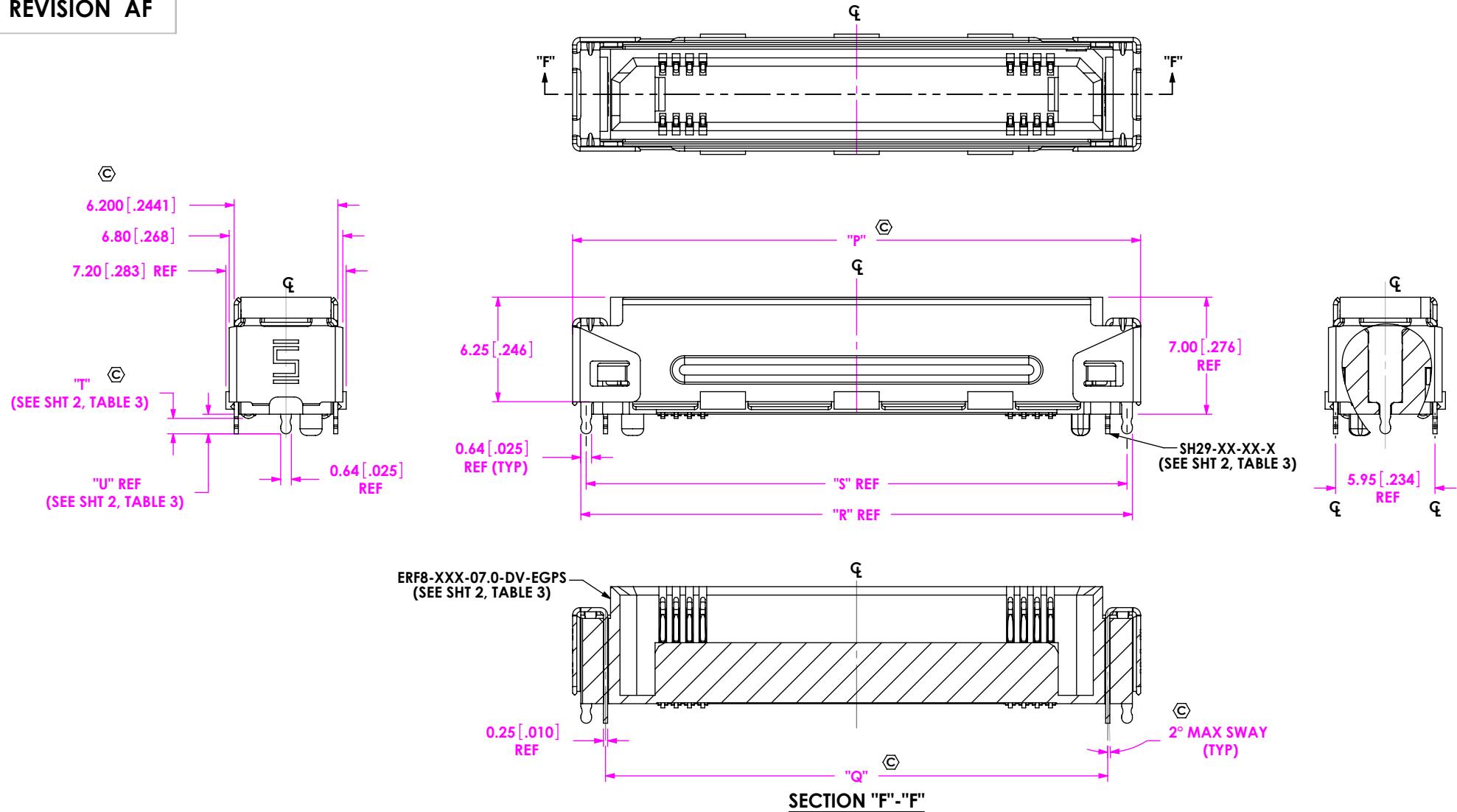


FIG 6
 (ERF8-030-07.0-X-EGPS SHOWN)
 (SAME AS FIG 3, EXCEPT AS SHOWN)
 (AVAILABLE ON -07.0 LEAD STYLE ONLY)
 (CENTER FEATURES REMOVED FOR CLARITY)

TABLE 8					
No. OF POS.	"P"	"Q"	"R"	"S"	
-10	18.0 [.71]	14.00 [.551]	17.00 [.669]	16.36 [.644]	
-20	26.0 [1.02]	22.00 [.866]	25.00 [.984]	24.36 [.959]	
-25	30.0 [1.18]	26.00 [1.024]	29.00 [1.142]	28.36 [1.117]	
-30	34.0 [1.34]	30.00 [1.181]	33.00 [1.299]	32.36 [1.274]	

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0.8MM EDGE RATE SOCKET ASSEMBLY
DWG. NO.
ERF8-XXX-XX.X-X-DV-XXXX-TR
BY: KNOWLDEN **9/26/2005** **SHEET 4 OF 6**

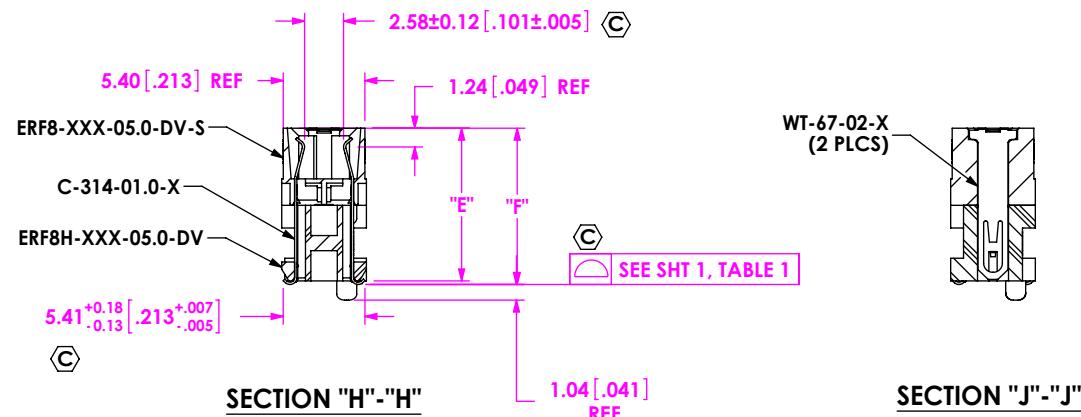
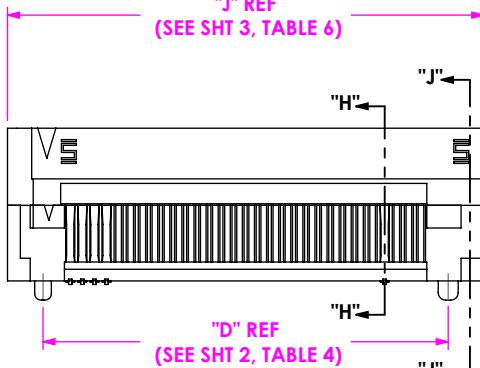


FIG 7
 (**ERF8-030-10.0-X-DV SHOWN)
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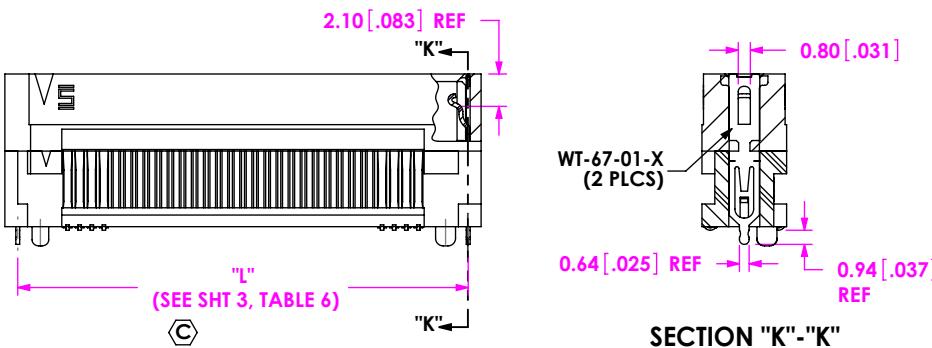


FIG 8
 -EGPS OPTIONS
 (**ERF8-030-10.0-X-DV-L SHOWN)
 (SAME AS FIG 7, EXCEPT AS SHOWN)
 ** NOT TOOLED

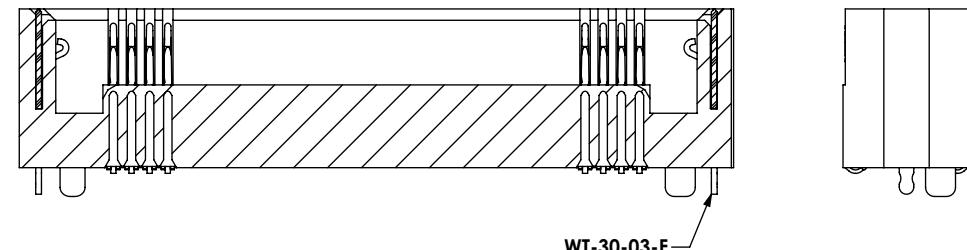


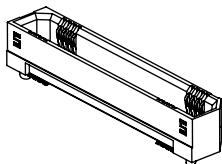
FIG 9
 (**ERF8-030-07.0-X-DV-L SHOWN)
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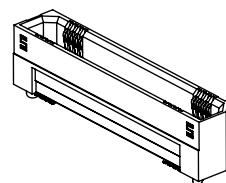
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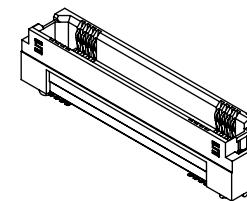
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ERF8-XXX-XX.X-X-DV-XXXX-TR
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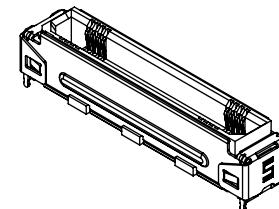
-05.0 SHOWN



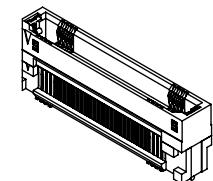
-07.0 SHOWN



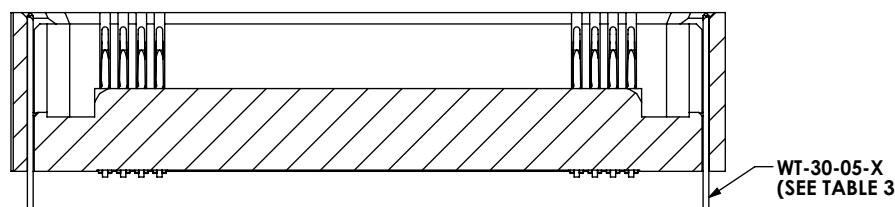
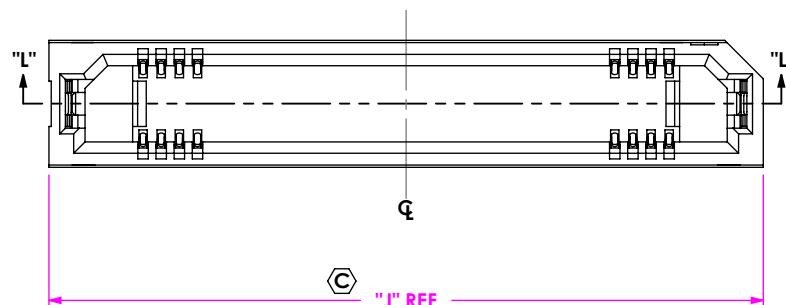
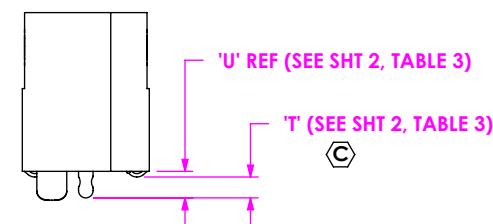
-07.0 WITH EGP SHOWN



-07.0 WITH EGPS SHOWN



**-10.0 WITH -L SHOWN

SECTION "L"- "L"
SCALE 3 : 1FIG 10
(ERF8-025-05.0-X-DV-W SHOWN)
(SAME AS FIG 5 EXCEPT AS SHOWN)
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DWG. NO.

ERF8-XXX-XX.X-X-DV-XXXX-TRBY: **KNOLDEN** 9/26/2005 SHEET 6 OF 6