REVISION L

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

DO NOT SCALE FROM THIS PRINT

ERF8-XXX-XX.X-X-DV-XXX

No OF POSITIONS (PER ROW)
-005, -010, -011, -013, -020, -023, -025, -030, **-035, -040, -049, -050, -060, -070, -075,**-100

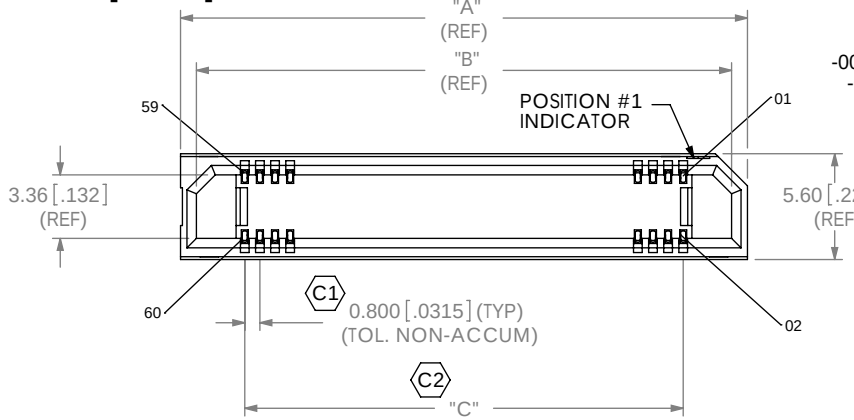
LEAD STYLE
-05.0 = 5mm
-07.0 = 7mm

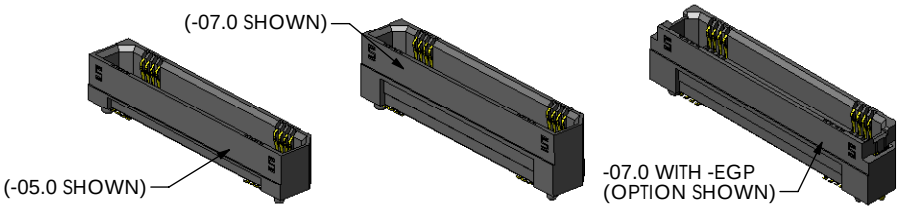
PLATING SPECIFICATION
-L: LIGHT SELECTIVE GOLD / MATTE TIN (USE C-211-XX.X-L)
-S: SELECTIVE GOLD / MATTE TIN (USE C-211-XX.X-S)

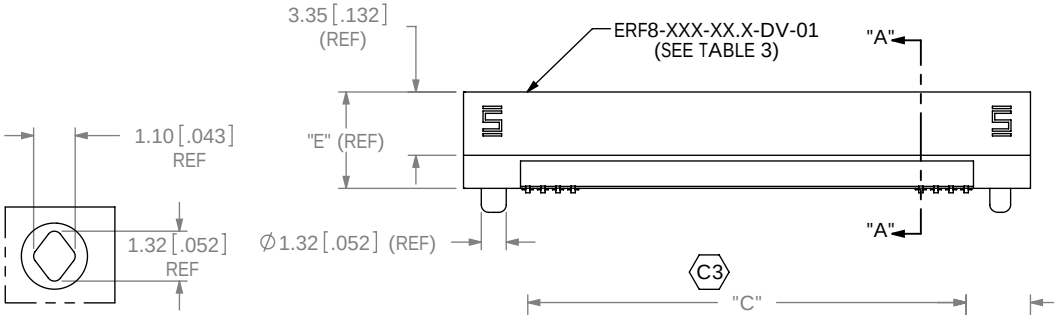
OPTION
-K: POLYAMIDE FILM PAD
-TR: TAPE & REEL (NOT AVAILABLE IN 100 POS)
-L: LATCHES (SEE NOTE 5)
** -SL: SQUEEZE LATCH (SEE NOTE 5 & FIG 6)
-EGP: EXTENDED GUIDE POST (SEE NOTE 6)

ROW SPECIFICATION
-DV: DOUBLE VERTICAL

** = NOT RELEASED FOR PRODUCTION







DETAIL 'D'
SCALE 5 : 1

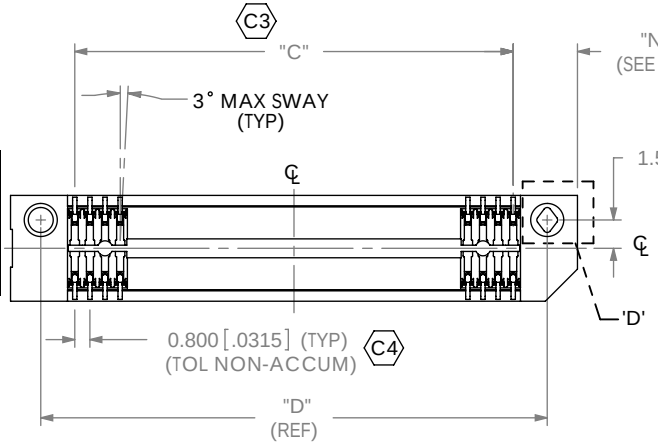
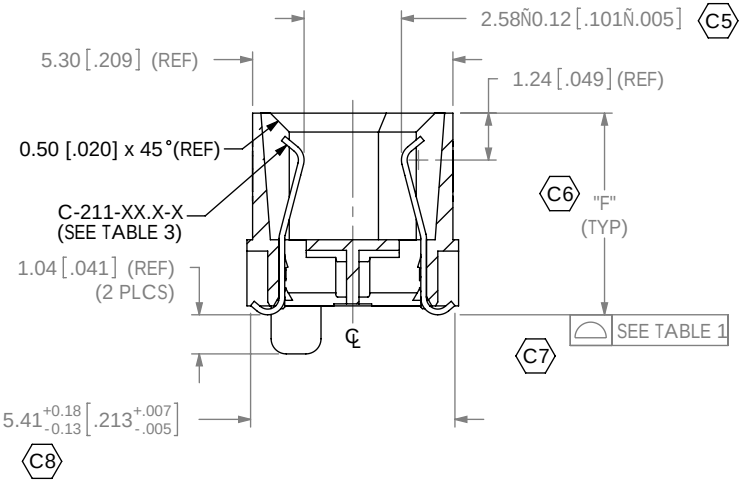


FIG.1
(ERF8-030-05.0-X-DV-XX SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)



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

TABLE 1	
No. OF POS.	
-005, -010, -011, -013, -020, -025, -023 -030	0.10 [.004]
**-035, -040, -049, -050, -060	0.12 [.005]
-070,-075,**-100	0.15 [.006]

(** = NOT RELEASED FOR PRODUCTION)

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 7	
OPTION	"N"
NONE	3.40 [.134]
-L	4.15 [.163]

NOTES:

1. Ⓒ 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.
5. OPTION ONLY AVAILABLE ON -05.0 LEAD STYLE.
6. OPTION ONLY AVAILABLE ON -07.0 LEAD STYLE, ALSO -L & -BL OPTIONS NOT AVAILABLE IN COMBINATION WITH -EGP OPTION.

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

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

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samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

MATERIAL: INSULATOR: LCP, COLOR: BLACK
CONTACT & LATCHES: BeCu

DO NOT SCALE DRAWING SHEET SCALE: 2:1

DESCRIPTION: 0.8MM EDGE RATE SOCKET ASSEMBLY

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

BY: KNOWLDEN 9/26/2005 SHEET 1 OF 3

REVISION L

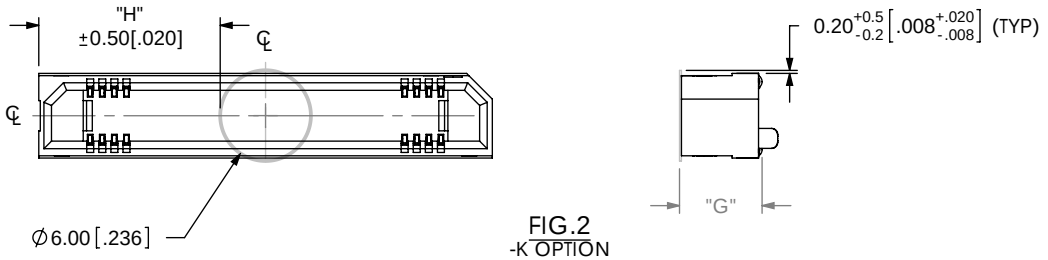
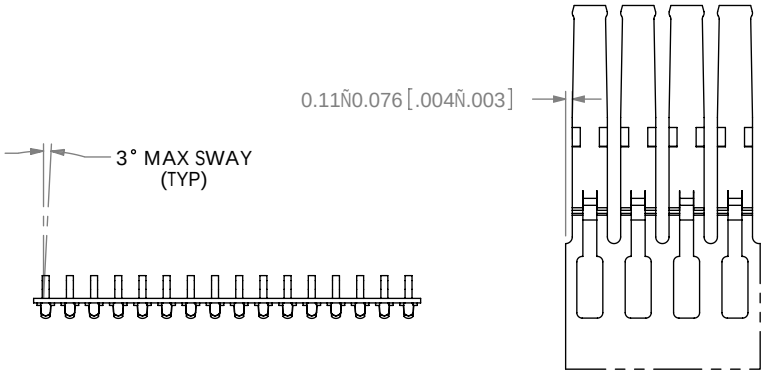
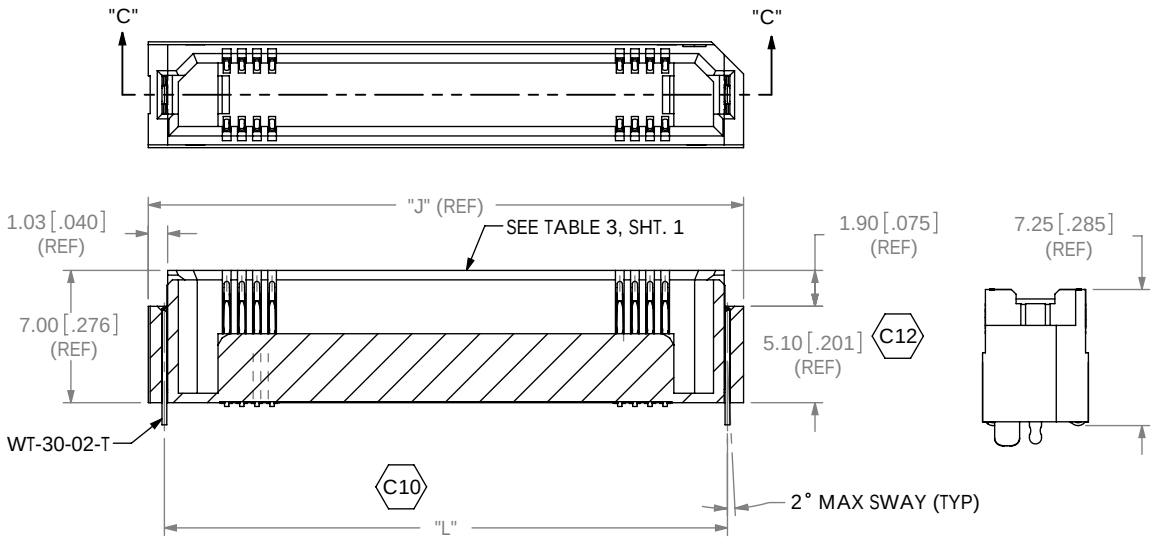


FIG.2
-K OPTION
(USE K-500-300)
(ERF8-030-XX.X-X-DV-K SHOWN)



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



SECTION "C"-"C"
SCALE 2.5 : 1

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

TABLE 4					
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[1.071]	30.80[1.213]	14.00[.551]
-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 RELEASED FOR PRODUCTION)

TABLE 5			
HEIGHT	"E"	"F"	"G"
-05.0	5.10 [.201]	5.335 [.2100]	5.52 [.217]
-07.0	7.00 [.275]	7.250 [.2835]	7.37 [.290]

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	N.A.
	-07.0	ERF8-XXX-07.0-DV-01	C-211-07.0-X	N.A.
-L	-05.0	ERF8-XXX-05.0-DV-L	C-211-05.0-X	WT-30-01-F
-SL	-05.0	ERF8-XXX-05.0-DV-SL	C-211-05.0-X	WT-30-01-F
-EGP	-07.0	ERF8-XXX-07.0-DV-EGP	C-211-07.0-X	WT-30-02-T

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SHEET SCALE: 2:1

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
0.8MM EDGE RATE SOCKET ASSEMBLY

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

BY: KNOWLDEN 9/26/2005 SHEET 2 OF 3

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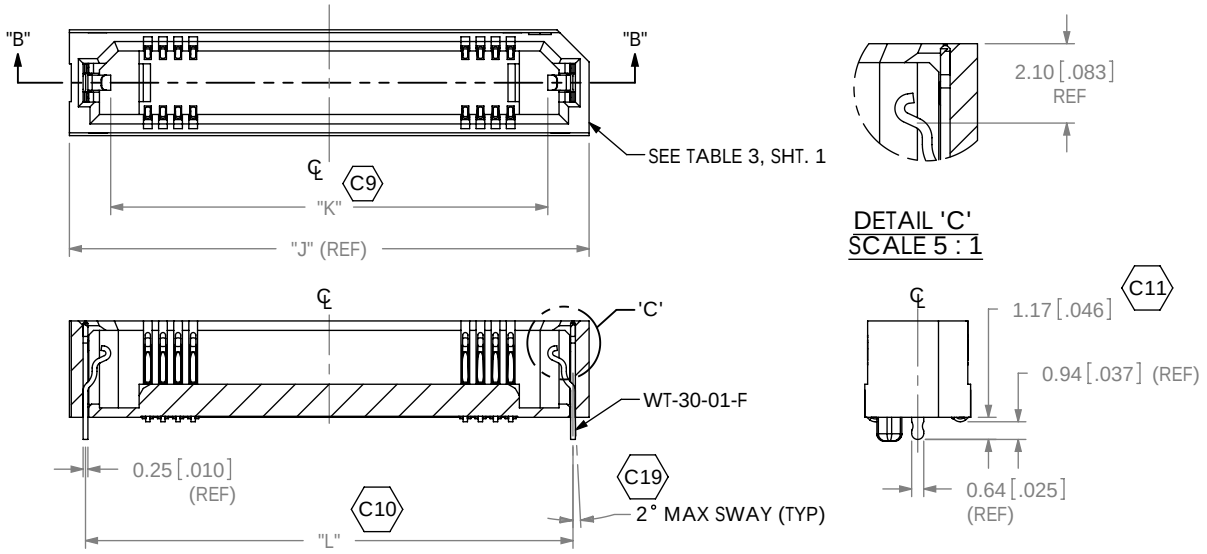
REVISION L

CONTROL PLAN CRITICAL INSPECTION TABLE			
OPTION	ASSEMBLY OPERATION	START-UP INSPECTION CODE A	IN-PROCESS INSPECTION CODE B
ANY	CUT COMBS		C16,C17
NONE	FILL C-211-XX.X-X	C1,C2,C3,C4,C8,C18	C5,C6
-L & -SL	FILL WT-30-01-X & C-211-XX.X-X	C1,C2,C3,C4,C8,C9,C10,C12,C18,C19	C5,C6,C11
-EGP	FILL WT-30-02-X & C-211-XX.X-X	C1,C2,C3,C4,C8,C10,C12,C18,C19	C5,C6,C11
-K ONLY	APPLY KAPTON	C1,C2,C3,C4,C13,C14	
-L, -SL, -EGP w/ -K	APPLY KAPTON	C1,C2,C3,C4,C10,C12,C14,C15	C11



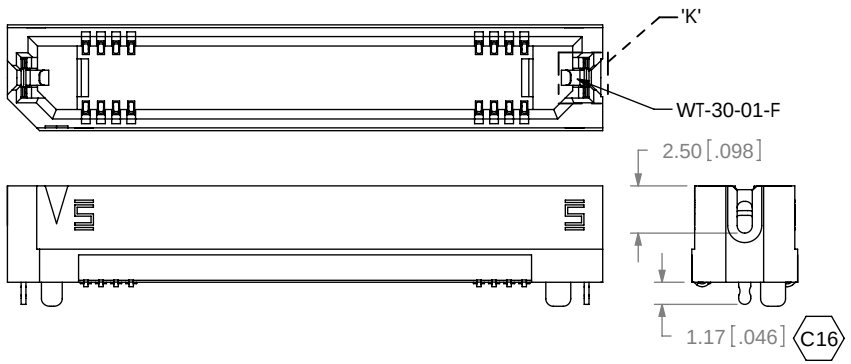
SECTION "B"-"B"
SCALE 2.5 : 1

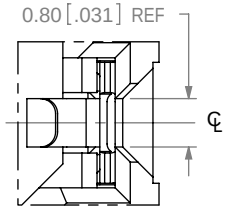
DETAIL 'C'
SCALE 5 : 1

FIG. 4
(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)

TABLE 6				
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]	11.15 [.439]
-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]
**-100	87.50 [3.445]	83.13 [3.273]	85.8 [3.378]	40.75 [1.604]

(** = NOT RELEASED FOR PRODUCTION)





DETAIL 'K'
SCALE 8 : 1

FIG. 6
(ERF8-030-05.0-X-SL SHOWN)
(SAME AS ERF8-030-05.0-X-L, EXCEPT AS SHOWN)
(AVAILABLE ON -05.0 LEAD STYLE ONLY)
(CENTER FEATURES REMOVED FOR CLARITY)
** NOT RELEASED FOR PRODUCTION

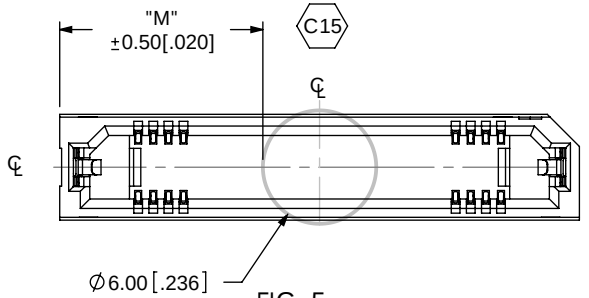


FIG. 5
(ERF8-025-05.0-X-DV-K-L SHOWN)
(SAME AS FIG. 2, EXCEPT AS SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)

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PHONE: 812-944-6733 FAX: 812-948-5047
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DESCRIPTION:
0.8MM EDGE RATE SOCKET ASSEMBLY

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

BY: KNOWLDEN9/26/2005 SHEET 3 OF 3

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