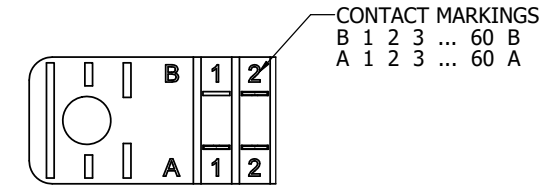
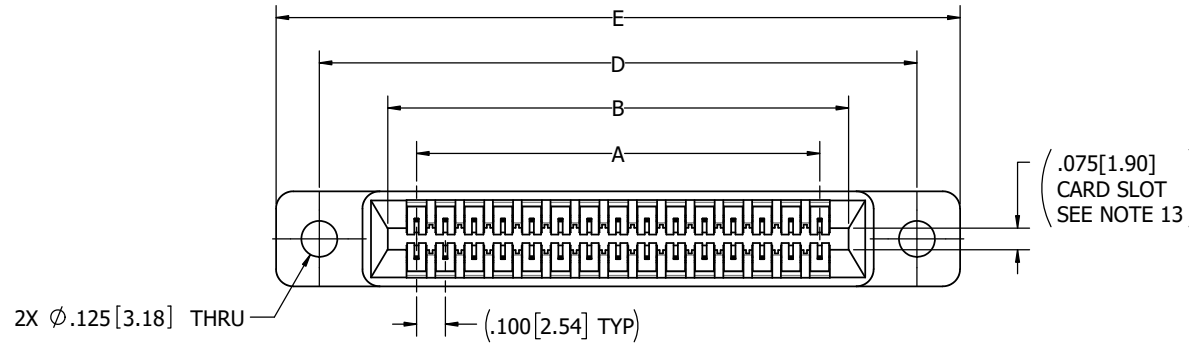
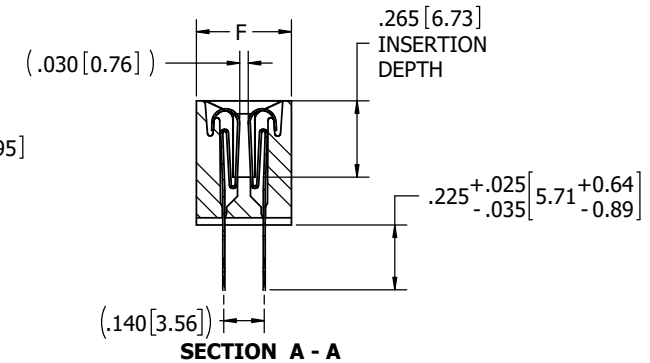
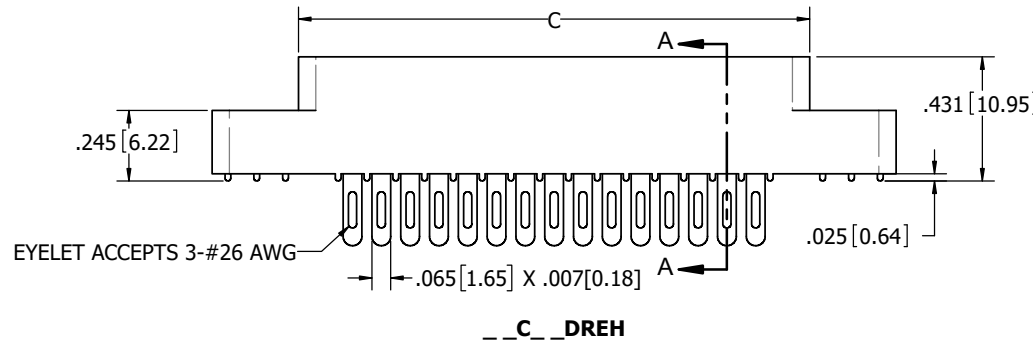


REVISIONS				
REV.	ECO. NO.	DESCRIPTION	DATE	BY
D	3880	ADD KEY IN & BETWEEN POSITION OPTION, OBSOLETE DWG 13337(S1632) & DWG 12606(S688) REPLACE WITH DWG 10870	7/17/2018	JH
E	4221	ADD REF ROW SPACING DIMENSION	5/29/2020	JH
F	4762	ADD C14008 TO P/N CODING	1/23/2024	JH



**CONTACT ID
SCALE 4:1**



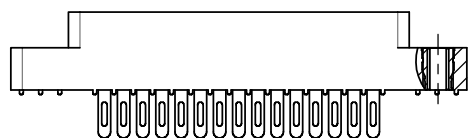
NOTES:

1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 700 VAC
8. CURRENT RATING: 3 AMP
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS
11. DURABILITY: 500 CYCLES MINIMUM
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
13. BOARD THICKNESS ACCOMMODATED: .062±.008[1.57±0.20]
14. INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062[1.57] TEST BLADE
INTERNAL INSPECTION TO BE PER SULLINS WORK INSTRUCTION WI-8.6-03
15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062[1.57] TEST BLADE
16. MODIFICATION: SEE PART NUMBER CODING

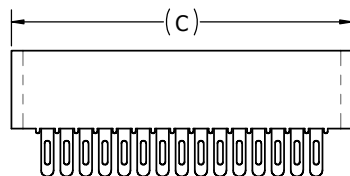


CUSTOMER COPY

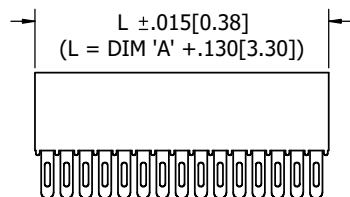
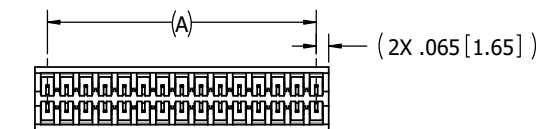
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
TOLERANCES:			10/4/2011	JH		
ANGULAR: ± 1°		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE	
DECIMALS .XX= ± .02 [.5] .XXX= ± .005 [.13] .XXXX= ± .0005 [.013]					PART NUMBER	
					EDGE CARD, .100 CC LP	
					C _ DRE (-S38,-S81,-S328)	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	C10870	F	
		SCALE: 2:1		SHEET 1 OF 3		



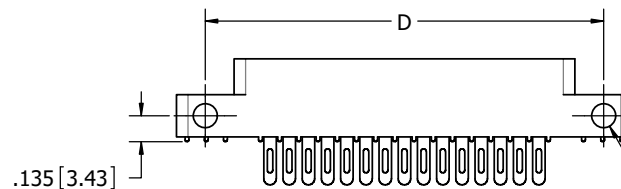
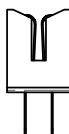
__C__DREI



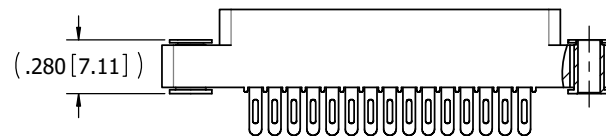
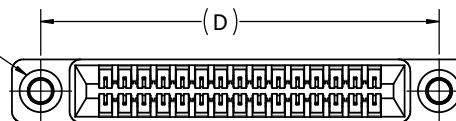
___C___DREN



C DREB



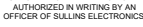
__C__DRES



C DREF

2X FLOATING BOBBIN
 $\phi .116[2.95]$ CLEARANCE
 FOR # 4 SCREW

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		10/4/2011	JH	
TOLERANCES:	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE
ANGULAR: $\pm 1^\circ$				EDGE CARD, .100 CC LP
DECIMALS				PART NUMBER
XX = $\pm .02$ [5]				C _ DRE (-S38, -S81, -S328)
XXX = $\pm .005$ [13]				
XXXX = $\pm .0005$ [013]				
				SIZE
				CAGE CODE
				DWG. NO.
				C 54453
				C10870
				SCALE: 2:1
				SHEET 2 OF 3



RoHS COMPLIANT

PART NUMBER	NO. OF POS.	A±.008[0.20]		B±.008[0.20]		C±.015[0.38]		D±.010[0.25]		E±.020[0.51]		F±.005[0.13]	-.015[0.38]
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
C04DRE -S	4	0.300	7.62	0.500	12.70	0.675	17.15	0.975	24.77	1.275	32.39	0.330	8.38
C05DRE -S	5	0.400	10.16	0.600	15.24	0.775	19.69	1.075	27.31	1.375	34.93		
C06DRE -S	6	0.500	12.70	0.700	17.78	0.875	22.23	1.175	29.85	1.475	37.47		
C07DRE -S	7	0.600	15.24	0.800	20.32	0.975	24.77	1.275	32.39	1.575	40.01		
C08DRE -S	8	0.700	17.78	0.900	22.86	1.075	27.31	1.375	34.93	1.675	42.55		
C10DRE -S	10	0.900	22.86	1.100	27.94	1.275	32.39	1.575	40.01	1.875	47.63		
C12DRE -S	12	1.100	27.94	1.300	33.02	1.475	37.47	1.775	45.09	2.075	52.71		
C13DRE -S	13	1.200	30.48	1.400	35.56	1.575	40.01	1.875	47.63	2.175	55.25		
C15DRE -S	15	1.400	35.56	1.600	40.64	1.775	45.09	2.075	52.71	2.375	60.33		
C17DRE -S	17	1.600	40.64	1.800	45.72	1.975	50.17	2.275	57.79	2.575	65.41		
C18DRE -S	18	1.700	43.18	1.900	48.26	2.075	52.71	2.375	60.33	2.675	67.95		
C19DRE -S	19	1.800	45.72	2.000	50.80	2.175	55.25	2.475	62.87	2.775	70.49		
C20DRE -S	20	1.900	48.26	2.100	53.34	2.275	57.79	2.575	65.41	2.875	73.03		
C22DRE -S	22	2.100	53.34	2.300	58.42	2.475	62.87	2.775	70.49	3.075	78.11		
C23DRE -S	23	2.200	55.88	2.400	60.96	2.575	65.41	2.875	73.03	3.175	80.65		
C25DRE -S	25	2.400	60.96	2.600	66.04	2.775	70.49	3.075	78.11	3.375	85.73		
C26DRE -S	26	2.500	63.50	2.700	68.58	2.875	73.03	3.175	80.65	3.475	88.27		
C28DRE -S	28	2.700	68.58	2.900	73.66	3.075	78.11	3.375	85.73	3.675	93.35		
C30DRE -S	30	2.900	73.66	3.100	78.74	3.275	83.19	3.575	90.81	3.875	98.43		
C31DRE -S	31	3.000	76.20	3.200	81.28	3.375	85.73	3.675	93.35	3.975	100.97		
C32DRE -S	32	3.100	78.74	3.300	83.82	3.475	88.27	3.775	95.89	4.075	103.51		
C35DRE -S	35	3.400	86.36	3.600	91.44	3.775	95.89	4.075	103.51	4.375	111.13		
C36DRE -S	36	3.500	88.90	3.700	93.98	3.875	98.43	4.175	106.05	4.475	113.67		
C38DRE -S	38	3.700	93.98	"B" MOUNTING ONLY									
C40DRE -S	40	3.900	99.06	4.100	104.14	4.275	108.59	4.575	116.21	4.875	123.83		
C43DRE -S	43	4.200	106.68	4.400	111.76	4.575	116.21	4.875	123.83	5.175	131.45		
C44DRE -S	44	4.300	109.22	4.500	114.30	4.675	118.75	4.975	126.37	5.275	133.99		
C49DRE -S	49	4.800	121.92	5.000	127.00	5.175	131.45	5.475	139.07	5.775	146.69		
C50DRE -S	50	4.900	124.46	5.100	129.54	5.275	133.99	5.575	141.61	5.875	149.23		
C52DRE -S	52	5.100	129.54	5.300	134.62	5.475	139.07	5.775	146.69	6.075	154.31		
C60DRE -S	60	5.900	149.86	6.100	154.94	6.275	159.39	6.575	167.01	6.875	174.63		
C65DRE -S	65	6.400	162.56	6.600	167.64	6.775	172.09	7.075	179.71	7.375	187.33		

PART NUMBER CODING

MATERIAL (INSULATOR/CONTACT)

E = BLUE PBT/ PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY

R = GREEN PPS/ PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

G = BLACK PA97/ PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

H = BLUE PBT/ BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY

A = GREEN PPS/ BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

J = BLACK PA97/ BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

F = GREEN PPS/ SPINODAL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +200°C

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

(CONSULT FACTORY FOR SPECIAL SOLDERING REQUIREMENTS)

C = GREEN PPS/ BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

OPERATING TEMP: -65°C TO +200°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

W = TAN PEEK/ BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (M PLATING CODE)

OPERATING TEMP: -65°C TO +250°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

MODIFICATION

OMIT = STANDARD WITHOUT MOLDED KEY, EX: 'EBC22DREH'

S38 = BLACK PBT WITHOUT MOLDED KEY (MATERIAL CODES E & H ONLY)

S81 = GREEN PBT WITHOUT MOLDED KEY (MATERIAL CODES E & H ONLY)

S328 = BROWN PPS WITHOUT MOLDED KEY (MATERIAL CODES R, A, F, AND C ONLY)

SEE KEY LOCATION DRAWINGS FOR MODIFICATION NUMBER (S#), 'G' AND 'H' DIMENSION:

DRAWING C13556 FOR STANDARD COLOR

DRAWING C14008 FOR NON-STANDARD COLOR

MOUNTING STYLE

H = .125" DIA. CLEARANCE HOLES

I = #4-40 THREADED INSERT

S = .125" DIA. SIDE MOUNTING

N = NO MOUNTING EARS

F = FLOATING BOBBIN

B = OPEN CARDSLOT

NUMBER OF POSITIONS

(CONTACTS PER ROW)

PLATING

ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

TERMINATION

B = .000010" GOLD .000100" PURE TIN, MATTE

C = .000030" GOLD .000100" PURE TIN, MATTE

G = .000010" GOLD .000005" GOLD

Y = .000030" GOLD .000005" GOLD

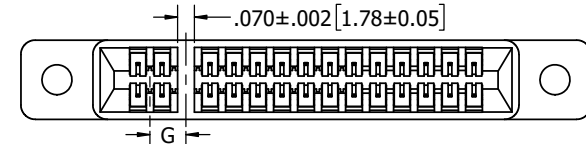
*E = .000100" PURE TIN, MATTE OVERALL

S = .000010" GOLD OVERALL

M = .000030" GOLD .000010" GOLD OVERALL

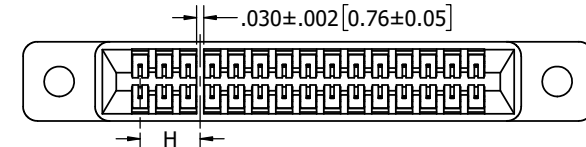
*OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES E, R, AND G

KEY IN POSITION



('H' MOUNTING AS SHOWN FOR EXAMPLE)

KEY BETWEEN POSITIONS



('H' MOUNTING AS SHOWN FOR EXAMPLE)

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME		TITLE EDGE CARD, .100 CC LP, KEY IN POSITION		
TOLERANCES: ANGULAR: ± 1° DECIMALS XX= ± .02 [5] XXX= ± .005 [13] XXXX= ± .0005 [013]	10/4/2011	JH				PART NUMBER C DRE -S	
				SIZE C	CAGE CODE 54453	DWG. NO. C10870	REV F
				SCALE: 2.5:1			SHEET 3 OF 3