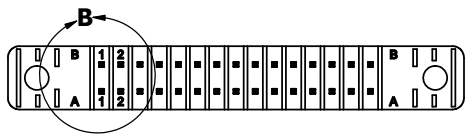
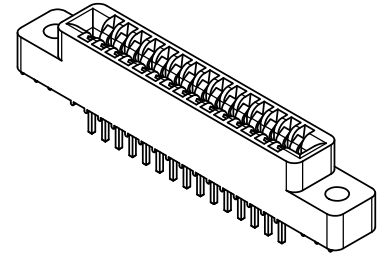
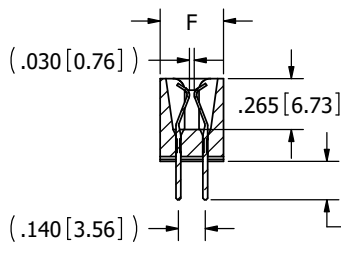
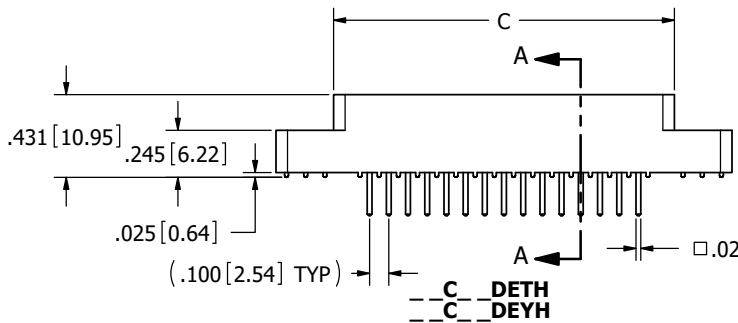
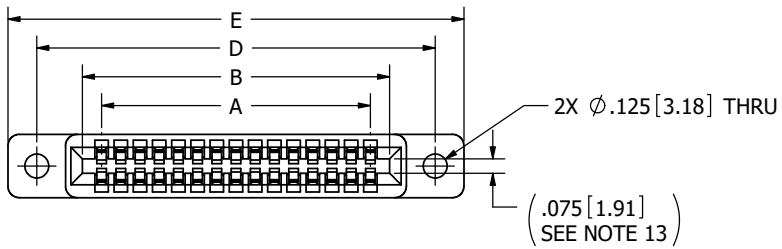
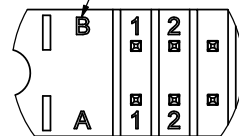


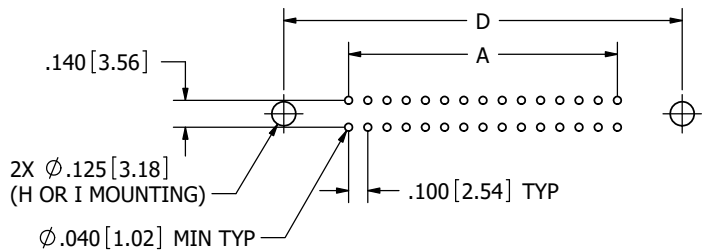
REVISIONS				
REV.	ECO NO.	DESCRIPTION	DATE	BY
B	3547	ADD 'J' MATERIAL, UPDATE SHEET FORMAT	10/28/16	EP
C	4073	UPDATE CONTACT GAP (WAS .025±.006)	6/28/2019	JH
D	4537	ADD 'T' MATERIAL, 03 POSITION & 'S' MTG	7/5/2022	JH
E	4430	UPDATE NOTE 8 (REMOVED 'PER CONTACT')	8/12/2022	MM



CONTACT ID:
 B 1 2 3 ... 63 64 65 B
 A 1 2 3 ... 63 64 65 A



DETAIL B
SCALE 4 : 1



PCB LAYOUT RECOMMENDED

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: 8 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE
15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES (MM)

TOLERANCES:
 ANGULAR: ± 1°

DECIMALS
 .XX = ± .02 [5]
 .XXX = ± .005 [13]
 .XXXX = ± .0005 [13]

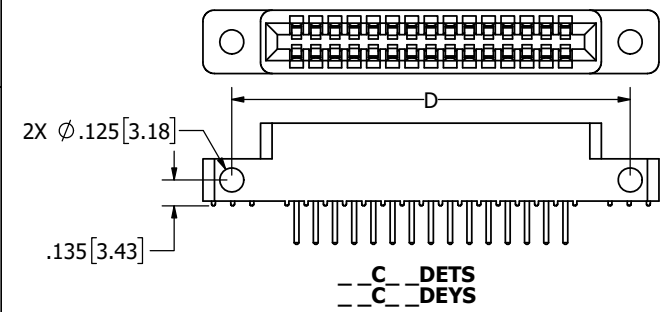
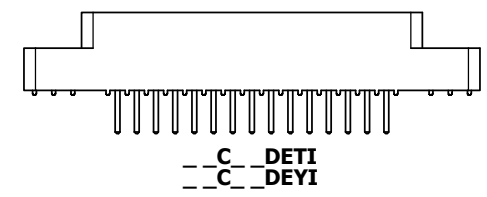
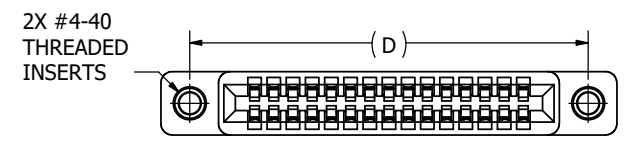
DRAWN	DATE	NAME
	5/27/11	TT

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SULLINS CONNECTOR SOLUTIONS			
TITLE LP .100" PITCH CANTILEVER EDGE CARD			
PART NUMBER _ _ C _ _ D (ET,EY) _			
SIZE C	CAGE CODE 54453	DWG. NO. C11681	REV E
SCALE: 2:1		SHEET 1 OF 2	

CUSTOMER COPY

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/-.015 [0.13/0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
C03D(ET,EY)	3	0.200	5.08	0.400	10.16	0.575	14.61	0.875	22.23	1.175	29.85		
C04D(ET,EY)	4	0.300	7.62	0.500	12.70	0.675	17.15	0.975	24.77	1.275	32.39		
C05D(ET,EY)	5	0.400	10.16	0.600	15.24	0.775	19.69	1.075	27.31	1.375	34.93		
C06D(ET,EY)	6	0.500	12.70	0.700	17.78	0.875	22.23	1.175	29.85	1.475	37.47		
C07D(ET,EY)	7	0.600	15.24	0.800	20.32	0.975	24.77	1.275	32.39	1.575	40.01		
C08D(ET,EY)	8	0.700	17.78	0.900	22.86	1.075	27.31	1.375	34.93	1.675	42.55		
C10D(ET,EY)	10	0.900	22.86	1.100	27.94	1.275	32.39	1.575	40.01	1.875	47.63		
C12D(ET,EY)	12	1.100	27.94	1.300	33.02	1.475	37.47	1.775	45.09	2.075	52.71		
C13D(ET,EY)	13	1.200	30.48	1.400	35.56	1.575	40.01	1.875	47.63	2.175	55.25		
C15D(ET,EY)	15	1.400	35.56	1.600	40.64	1.775	45.09	2.075	52.71	2.375	60.33		
C17D(ET,EY)	17	1.600	40.64	1.800	45.72	1.975	50.17	2.275	57.79	2.575	65.41		
C18D(ET,EY)	18	1.700	43.18	1.900	48.26	2.075	52.71	2.375	60.33	2.675	67.95		
C19D(ET,EY)	19	1.800	45.72	2.000	50.80	2.175	55.25	2.475	62.87	2.775	70.49		
C20D(ET,EY)	20	1.900	48.26	2.100	53.34	2.275	57.79	2.575	65.41	2.875	73.03		
C22D(ET,EY)	22	2.100	53.34	2.300	58.42	2.475	62.87	2.775	70.49	3.075	78.11		
C23D(ET,EY)	23	2.200	55.88	2.400	60.96	2.575	65.41	2.875	73.03	3.175	80.65		
C25D(ET,EY)	25	2.400	60.96	2.600	66.04	2.775	70.49	3.075	78.11	3.375	85.73		
C26D(ET,EY)	26	2.500	63.50	2.700	68.58	2.875	73.03	3.175	80.65	3.475	88.27		
C28D(ET,EY)	28	2.700	68.58	2.900	73.66	3.075	78.11	3.375	85.73	3.675	93.35		
C30D(ET,EY)	30	2.900	73.66	3.100	78.74	3.275	83.19	3.575	90.81	3.875	98.43		
C31D(ET,EY)	31	3.000	76.20	3.200	81.28	3.375	85.73	3.675	93.35	3.975	100.97		
C35D(ET,EY)	35	3.400	86.36	3.600	91.44	3.775	95.89	4.075	103.51	4.375	111.13		
C36D(ET,EY)	36	3.500	88.90	3.700	93.98	3.875	98.43	4.175	106.05	4.475	113.67		
C40D(ET,EY)	40	3.900	99.06	4.100	104.14	4.275	108.59	4.575	116.21	4.875	123.83		
C43D(ET,EY)	43	4.200	106.68	4.400	111.76	4.575	116.21	4.875	123.83	5.175	131.45		
C44D(ET,EY)	44	4.300	109.22	4.500	114.30	4.675	118.75	4.975	126.37	5.275	133.99		
C49D(ET,EY)	49	4.800	121.92	5.000	127.00	5.175	131.45	5.475	139.07	5.775	146.69		
C50D(ET,EY)	50	4.900	124.46	5.100	129.54	5.275	133.99	5.575	141.61	5.875	149.23		
C52D(ET,EY)	52	5.100	129.54	5.300	134.62	5.475	139.07	5.775	146.69	6.075	154.31		
C60D(ET,EY)	60	5.900	149.86	6.100	154.94	6.275	159.39	6.575	167.01	6.875	174.63		
C65D(ET,EY)	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 +105°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 SECS
- G = BLACK PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS
- H = BLUE PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +105°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 SECS
- J = BLACK PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS
- T = GREEN PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +175°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS

MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES
- I = #4-40 THREADED INSERT
- N = NO MOUNTING EARS
- B = OPEN CARDSLOT
- S = .125" DIA. SIDE MOUNTING

TERMINATION TYPE

- ET = .200"[5.08] TAIL LENGTH
- EY = .440"[11.18] TAIL LENGTH

NUMBER OF POSITIONS

PLATING

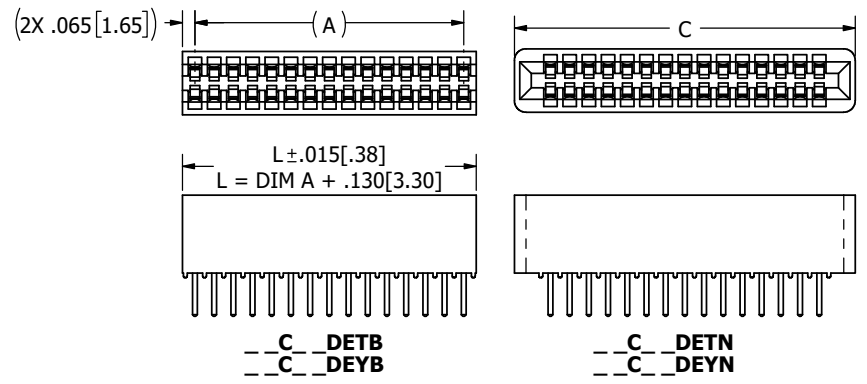
ALL PLATINGS ARE LEAD FREE & HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

- B = .000010" GOLD
- C = .000030" GOLD

TERMINATION

- .000100" PURE TIN, MATTE
- .000100" PURE TIN, MATTE



CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (MM)	DRAWN	DATE	NAME	
		5/27/11	TT	
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ANGULAR: ± 1°				
DECIMALS				
.XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]				
TITLE		CAGE CODE		DWG. NO.
LP .100" PITCH CANTILEVER EDGE CARD		54453		C11681
PART NUMBER		SCALE: 2:1		REV
C D(ET,EY)		SHEET 2 OF 2		E