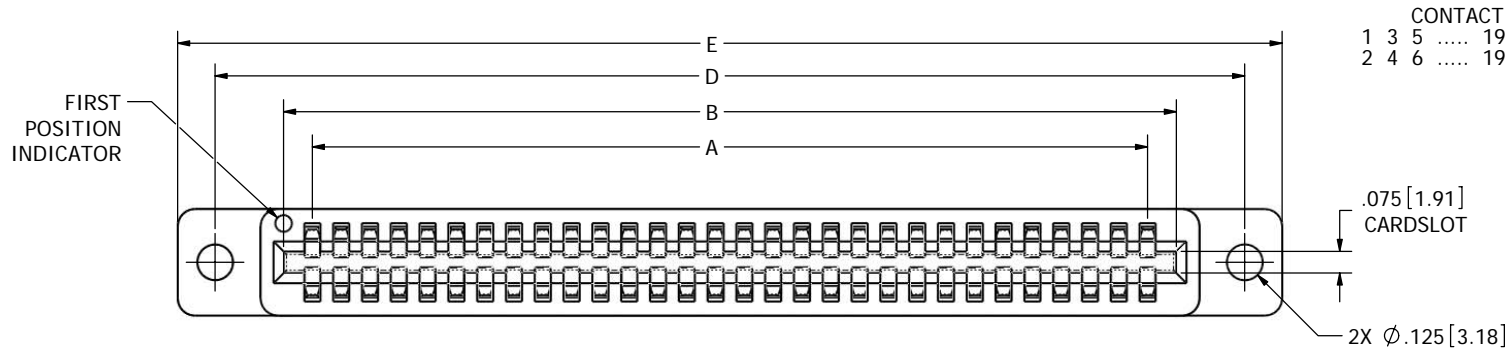
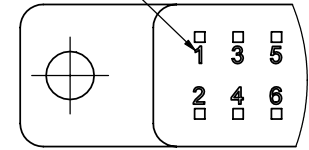


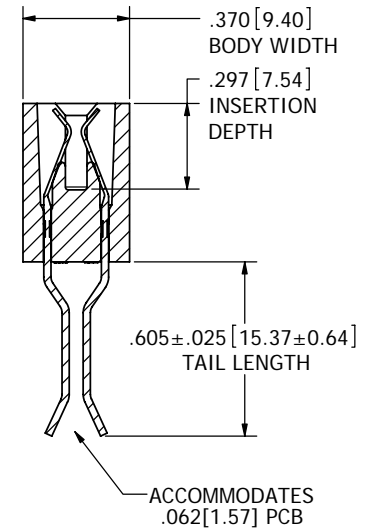
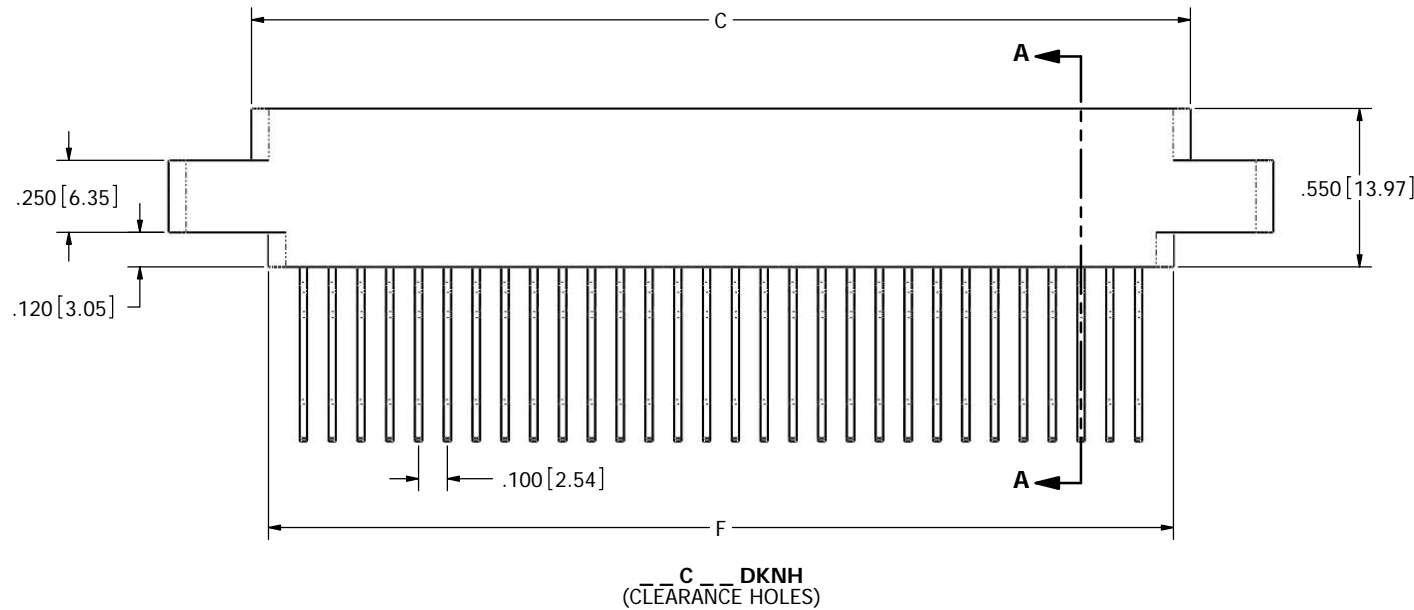
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1525	INITIAL RELEASE	10/10/2007	VJ



CONTACT MARKINGS  
 1 3 5 ..... 195 197 199  
 2 4 6 ..... 196 198 200



CONTACT ID  
 SCALE 4:1  
 (PINS OMITTED FOR CLARITY)



SECTION A-A

NOTES:

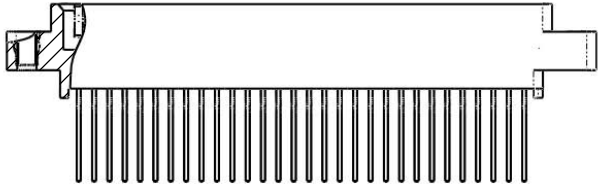
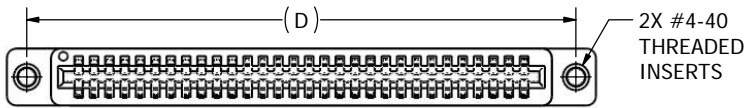
- INSULATOR MATERIAL: SEE PART NUMBER CODING.
- CONTACT MATERIAL: SEE PART NUMBER CODING.
- PLATING: SEE PART NUMBER CODING.
- OPERATING TEMPERATURE: SEE PART NUMBER CODING.
- PROCESSING TEMP: SEE PART NUMBER CODING.
- UL FLAMMABILITY RATING: 94V-0
- VOLTAGE RATING: 600 VDC MINIMUM AT SEA LEVEL.
- CURRENT RATING: 3 AMP PER CONTACT PAIR.
- VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT.
- INSULATION RESISTANCE: 5000 MEGA OHMS.
- CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE.
- BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20].
- BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
- BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062 [1.57] PCB.



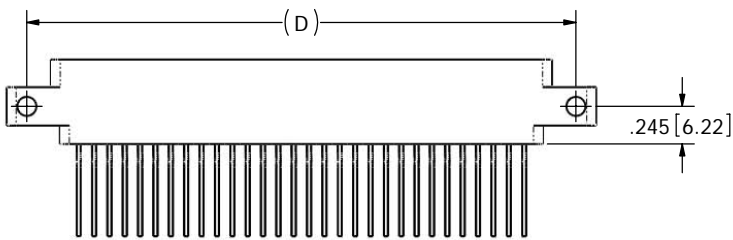
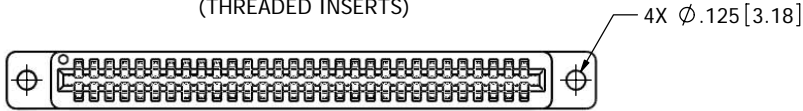
RoHS COMPLIANT

CUSTOMER COPY

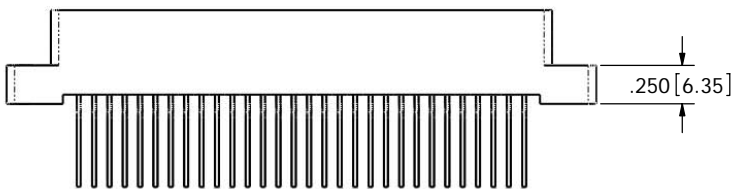
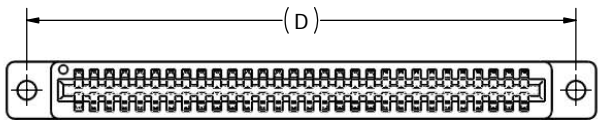
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM]		DATE	NAME	<b>SULLINS ELECTRONICS</b> DESCRIPTION: <b>EDGECARD, .100 CC, HP</b>
TOLERANCES: ANGULAR: ± 1° XX = ± .02 [ .508] .XXX = ± .005 [ .1270] XXXX = ± .0005 [ .0127] PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY		10/10/2007	V. JARA	
THE 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.		PART NUMBER - C - DKN -		SCALE: 3:1
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984	SIZE DWG. NO <b>C</b> C10983	REV <b>A</b>	SHEET 1 OF 3	



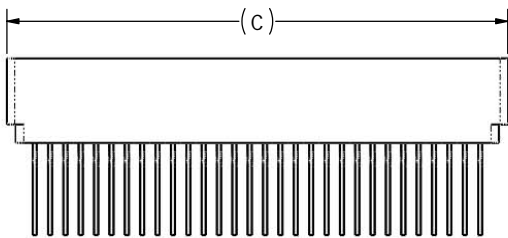
**C\_DKNI**  
(THREADED INSERTS)



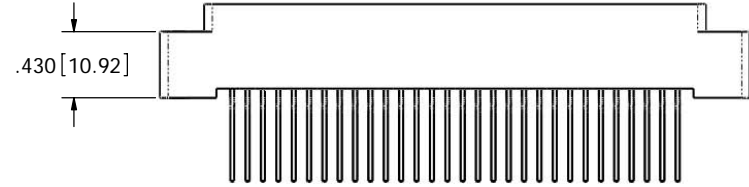
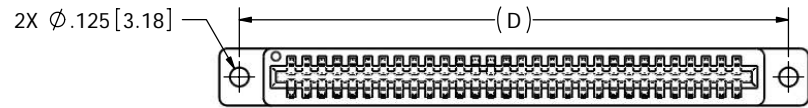
**C\_DKNS**  
(SIDE MOUNTING)



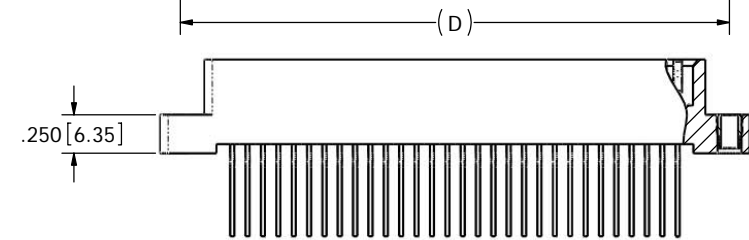
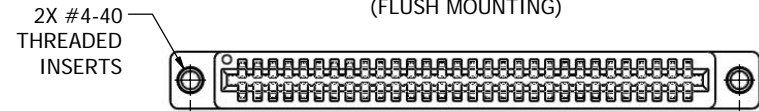
**C\_DKND**  
(FLUSH MOUNTING)



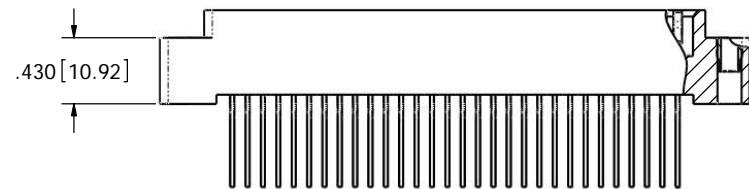
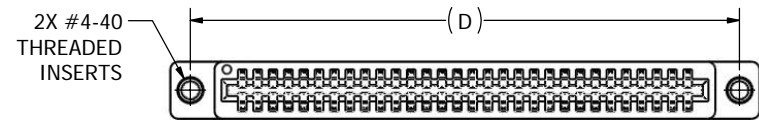
**C\_DKNN**  
(NO MOUNTING)



**C\_DKNW**  
(FLUSH MOUNTING)



**C\_DKNT**  
(FLUSH MOUNTING WITH INSERTS)



**C\_DKNX**  
(FLUSH MOUNTING WITH INSERTS)

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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES[MM]  
TOLERANCES:  
ANGULAR: ± 1°  
XX = ± .02 [ .508]  
.XXX = ± .005 [ .1270]  
XXXX = ± .0005 [ .0127]  
PARENTHETICAL INFORMATION IS FOR  
REFERENCE ONLY  
INTERPRET DIMENSIONS AND GEOMETRIC  
TOLERANCING  
PER: ANSI Y14.5-1984

DATE	NAME
10/10/2007	V. JARA

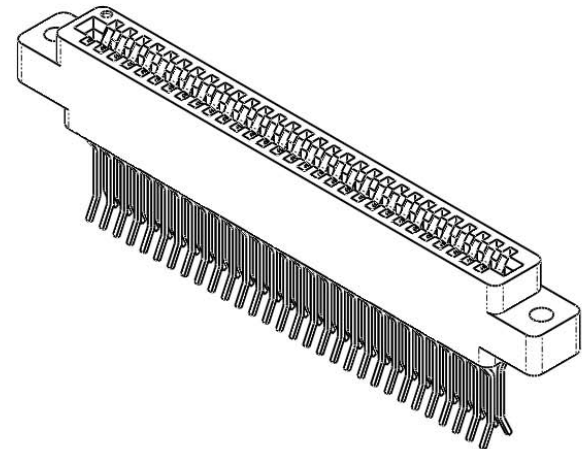
THE INFORMATION HEREIN CONTAINS  
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DISCLOSED TO OTHERS FOR ANY  
PURPOSE EXCEPT AS SPECIFICALLY  
AUTHORIZED IN WRITING BY AN  
OFFICER OF SULLINS ELECTRONICS.

SIZE	DWG. NO.	REV
C	C10983	A

<b>SULLINS ELECTRONICS</b>	
DESCRIPTION: EDGECARD, .100 CC, HP	
PART NUMBER --C_DKN--	
SCALE: 2:1	SHEET 2 OF 3

PART NUMBER	NO. OF POS.	INCHES						MILLIMETERS					
		A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
C06DKN	6	0.500	0.700	0.860	1.175	1.435	0.750	12.70	17.78	21.84	29.85	36.45	19.05
C07DKN	7	0.600	0.800	0.960	1.275	1.535	0.850	15.24	20.32	24.38	32.39	38.99	21.59
C08DKN	8	0.700	0.900	1.060	1.375	1.635	0.950	17.78	22.86	26.92	34.93	41.53	24.13
C10DKN	10	0.900	1.100	1.260	1.575	1.835	1.150	22.86	27.94	32.00	40.01	46.61	29.21
C12DKN	12	1.100	1.300	1.460	1.775	2.035	1.350	27.94	33.02	37.08	45.09	51.69	34.29
C13DKN	13	1.200	1.400	1.560	1.875	2.135	1.450	30.48	35.56	39.62	47.63	54.23	36.83
C15DKN	15	1.400	1.600	1.760	2.075	2.335	1.650	35.56	40.64	44.70	52.71	59.31	41.91
C17DKN	17	1.600	1.800	1.960	2.275	2.535	1.850	40.64	45.72	49.78	57.79	64.39	46.99
C18DKN	18	1.700	1.900	2.060	2.375	2.635	1.950	43.18	48.26	52.32	60.33	66.93	49.53
C20DKN	20	1.900	2.100	2.260	2.575	2.835	2.150	48.26	53.34	57.40	65.41	72.01	54.61
C22DKN	22	2.100	2.300	2.460	2.775	3.035	2.350	53.34	58.42	62.48	70.49	77.09	59.69
C24DKN	24	2.300	2.500	2.660	2.975	3.235	2.550	58.42	63.50	67.56	75.57	82.17	64.77
C25DKN	25	2.400	2.600	2.760	3.075	3.335	2.650	60.96	66.04	70.10	78.11	84.71	67.31
C28DKN	28	2.700	2.900	3.060	3.375	3.635	2.950	68.58	73.66	77.72	85.73	92.33	74.93
C30DKN	30	2.900	3.100	3.260	3.575	3.835	3.150	73.66	78.74	82.80	90.81	97.41	80.01
C31DKN	31	3.000	3.200	3.360	3.675	3.935	3.250	76.20	81.28	85.34	93.35	99.95	82.55
C35DKN	35	3.400	3.600	3.760	4.075	4.335	3.650	86.36	91.44	95.50	103.51	110.11	92.71
C36DKN	36	3.500	3.700	3.860	4.175	4.435	3.750	88.90	93.98	98.04	106.05	112.65	95.25
C40DKN	40	3.900	4.100	4.260	4.575	4.835	4.150	99.06	104.14	108.20	116.21	122.81	105.41
C43DKN	43	4.200	4.400	4.560	4.875	5.135	4.450	106.68	111.76	115.82	123.83	130.43	113.03
C44DKN	44	4.300	4.500	4.660	4.975	5.235	4.550	109.22	114.30	118.36	126.37	132.97	115.57
C49DKN	49	4.800	5.000	5.160	5.475	5.735	5.050	121.92	127.00	131.06	139.07	145.67	128.27
C50DKN	50	4.900	5.100	5.260	5.575	5.835	5.150	124.46	129.54	133.60	141.61	148.21	130.81
C55DKN	55	5.400	5.600	5.760	6.075	6.335	5.650	137.16	142.24	146.30	154.31	160.91	143.51
C60DKN	60	5.900	6.100	6.260	6.575	6.835	6.150	149.86	154.94	159.00	167.01	173.61	156.21
C61DKN	61	6.000	6.200	6.360	6.675	6.935	6.250	152.40	157.48	161.54	169.55	176.15	158.75
C65DKN	65	6.400	6.600	6.760	7.075	7.335	6.650	162.56	167.64	171.70	179.71	186.31	168.91
C70DKN	70	6.900	7.100	7.260	7.575	7.835	7.150	175.26	180.34	184.40	192.41	199.01	181.61
C80DKN	80	7.900	8.100	8.260	8.575	8.835	8.150	200.66	205.74	209.80	217.81	224.41	207.01
C90DKN	90	8.900	9.100	9.260	9.575	9.835	9.150	226.06	231.14	235.20	243.21	249.81	232.41
C100DKN	100	9.900	10.100	10.260	10.575	10.835	10.150	251.46	256.54	260.60	268.61	275.21	257.81

\* CONSULT FACTORY FOR AVAILABILITY



**PART NUMBER CODING**

-- C -- DKN --

**MATERIAL (INSULATOR/CONTACT)**

- E = PBT/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- G = PA9T/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- H = PBT/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- J = PA9T/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
(CONSULT FACTORY FOR OTHER MATERIALS)

**MOUNTING STYLE**

- H = .125" DIA. CLEARANCE HOLES (PAGE 1)
- I = #4-40 THREADED INSERT (PAGE 2)
- S = .125" DIA. SIDE MOUNTING (PAGE 2)
- N = NO MOUNTING EARS (PAGE 2)
- D = FLUSH MOUNTING (PAGE 2)
- W = FLUSH MOUNTING (PAGE 2)
- T = FLUSH MOUNTING WITH # 4-40 THREADED INSERT (PAGE 2)
- X = FLUSH MOUNTING WITH # 4-40 THREADED INSERT (PAGE 2)

**NUMBER OF POSITIONS (CONTACTS PER ROW)**

**PLATING**

- ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE
- |                   |                          |
|-------------------|--------------------------|
| CONTACT SURFACE   | TERMINATION              |
| Y = .000030" GOLD | .000005" GOLD            |
| B = .000010" GOLD | .000100" PURE TIN, MATTE |
| C = .000030" GOLD | .000100" PURE TIN, MATTE |

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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM]		DATE	NAME	<b>SULLINS ELECTRONICS</b>
TOLERANCES: ANGULAR: ± 1° XX = ± .02 [ .508] .XXX = ± .005 [ .1270] XXXX = ± .0005 [ .0127] PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY		10/10/2007	V. JARA	
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984		SIZE <b>C</b>	DWG. NO. <b>C10983</b>	REV <b>A</b>
		SCALE: 2:1		SHEET 3 OF 3