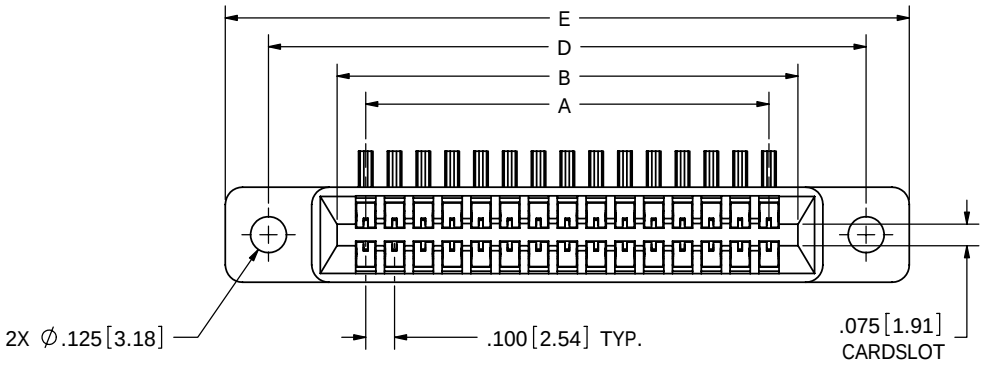
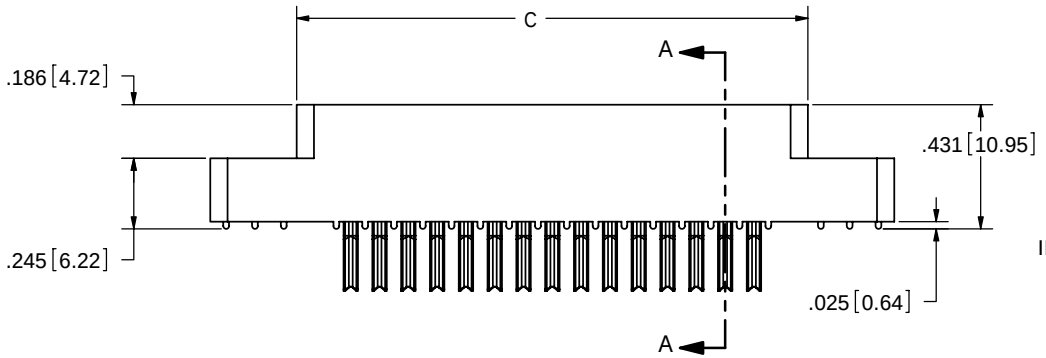
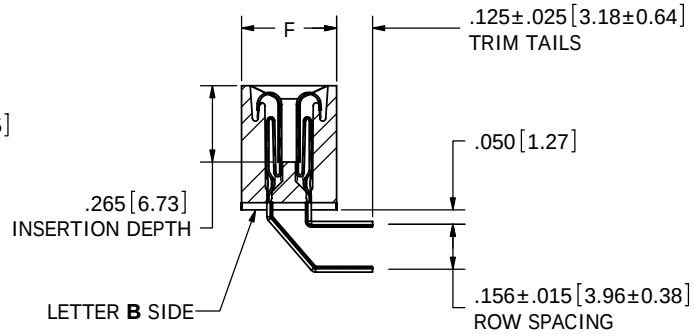
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1249	INITIAL RELEASE	01-19-07	MNH
B	1397	UPDATE/CORRECT PCB LAYOUT	6/21/2007	MNH
C	1680	ADDED 'B' MOUNTING INFORMATION	5/6/2008	MNH

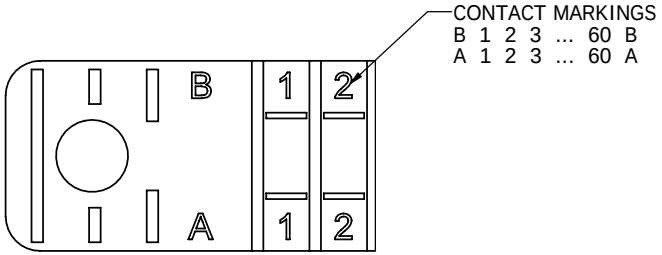




_ _ C _ _ DRAH



SECTION A - A



CONTACT ID
SCALE 2:1

NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. VOLTAGE RATING: 600 VDC MINIMUM AT SEA LEVEL.
8. CURRENT RATING: 3 AMP PER CONTACT PAIR
9. VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT
10. INSULATION RESISTANCE: 5000 MEGA OHM
11. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE
12. BOARD THICKNESS ACCOMMMODATED: .062±.008"
13. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062" TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
14. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB

Pb
RoHS COMPLIANT

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 30'
.XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
SURFACE FINISH: 63 Ra
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING
PER: ANSI Y14.5M-1994

	DATE	NAME
DRAWN	01-19-07	MNH

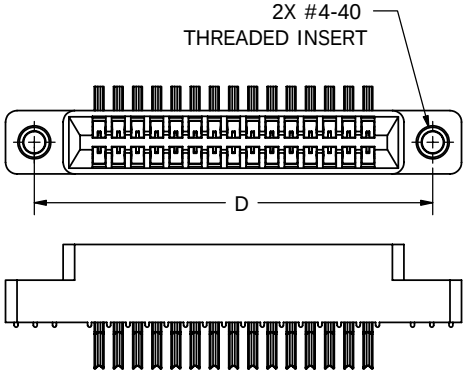
SULLINS CONNECTOR SOLUTIONS

DESCRIPTION: EDGECARD, .100 CC LP
PART NUMBER: _ _ C _ _ DRA _

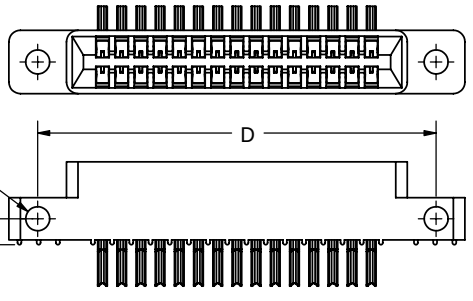
SIZE	DWG. NO.	REV
C	C10876	C

SCALE: 2:1 SHEET 1 OF 3

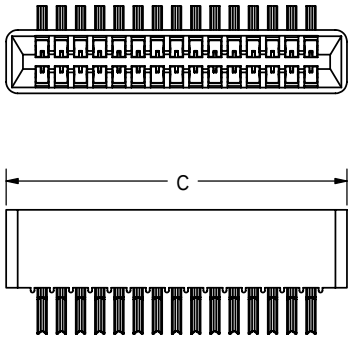
FILE NAME: Z:\COMPONENTS\Part Assemblies\Customer Drawings\Customer Drawings for Catalog\C10876, _ _C_ _DRA_ PRINT: 5/8/2008



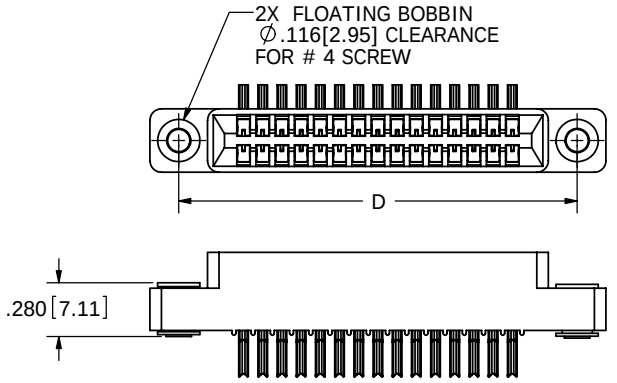
_ _ C _ _ DRAI



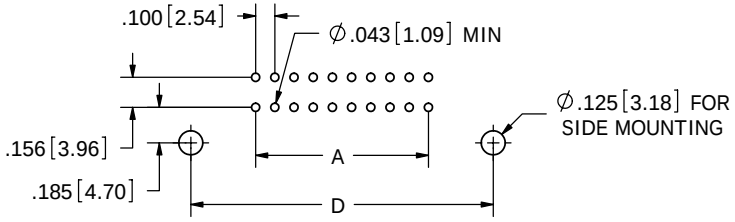
_ _ C _ _ DRAS



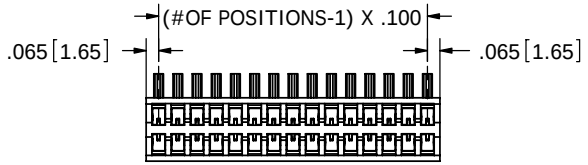
_ _ C _ _ DRAN



_ _ C _ _ DRAF



PCB LAYOUT



_ _C_ _DRAB

'B' MOUNTING CONNECTORS AVAILABLE
IN ANY POSITION COUNT FROM 1 TO 65

CUSTOMER COPY

Pb
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 30'
.XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
SURFACE FINISH: 63 Ra
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING
PER: ANSI Y14.5M-1994

	DATE	NAME
DRAWN	01-19-07	MNH

SULLINS CONNECTOR SOLUTIONS

DESCRIPTION: EDGECARD, .100 CC LP

PART NUMBER: _ _ C _ _ DRA _

SIZE	DWG. NO.	REV
C	C10876	C

SCALE: 2:1 SHEET 2 OF 3

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]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
_ _ C04DRA _ *	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
_ _ C05DRA _	5	0.400	10.16	0.600	15.24	0.775	19.69	1.075	27.31	1.375	34.93		
_ _ C06DRA _	6	0.500	12.70	0.700	17.78	0.875	22.23	1.175	29.85	1.475	37.47		
_ _ C07DRA _	7	0.600	15.24	0.800	20.32	0.975	24.77	1.275	32.39	1.575	40.01		
_ _ C08DRA _	8	0.700	17.78	0.900	22.86	1.075	27.31	1.375	34.93	1.675	42.55		
_ _ C10DRA _	10	0.900	22.86	1.100	27.94	1.275	32.39	1.575	40.01	1.875	47.63		
_ _ C12DRA _	12	1.100	27.94	1.300	33.02	1.475	37.47	1.775	45.09	2.075	52.71		
_ _ C13DRA _	13	1.200	30.48	1.400	35.56	1.575	40.01	1.875	47.63	2.175	55.25		
_ _ C15DRA _	15	1.400	35.56	1.600	40.64	1.775	45.09	2.075	52.71	2.375	60.33		
_ _ C17DRA _	17	1.600	40.64	1.800	45.72	1.975	50.17	2.275	57.79	2.575	65.41		
_ _ C18DRA _	18	1.700	43.18	1.900	48.26	2.075	52.71	2.375	60.33	2.675	67.95		
_ _ C19DRA _	19	1.800	45.72	2.000	50.80	2.175	55.25	2.475	62.87	2.775	70.49		
_ _ C20DRA _	20	1.900	48.26	2.100	53.34	2.275	57.79	2.575	65.41	2.875	73.03		
_ _ C22DRA _	22	2.100	53.34	2.300	58.42	2.475	62.87	2.775	70.49	3.075	78.11		
_ _ C23DRA _ *	23	2.200	55.88	2.400	60.96	2.575	65.41	2.875	73.03	3.175	80.65		
_ _ C25DRA _	25	2.400	60.96	2.600	66.04	2.775	70.49	3.075	78.11	3.375	85.73		
_ _ C26DRA _	26	2.500	63.50	2.700	68.58	2.875	73.03	3.175	80.65	3.475	88.27		
_ _ C28DRA _	28	2.700	68.58	2.900	73.66	3.075	78.11	3.375	85.73	3.675	93.35		
_ _ C30DRA _	30	2.900	73.66	3.100	78.74	3.275	83.19	3.575	90.81	3.875	98.43		
_ _ C31DRA _	31	3.000	76.20	3.200	81.28	3.375	85.73	3.675	93.35	3.975	100.97		
_ _ C35DRA _	35	3.400	86.36	3.600	91.44	3.775	95.89	4.075	103.51	4.375	111.13	0.400	10.16
_ _ C36DRA _	36	3.500	88.90	3.700	93.98	3.875	98.43	4.175	106.05	4.475	113.67		
_ _ C40DRA _	40	3.900	99.06	4.100	104.14	4.275	108.59	4.575	116.21	4.875	123.83		
_ _ C43DRA _	43	4.200	106.68	4.400	111.76	4.575	116.21	4.875	123.83	5.175	131.45		
_ _ C44DRA _	44	4.300	109.22	4.500	114.30	4.675	118.75	4.975	126.37	5.275	133.99		
_ _ C49DRA _	49	4.800	121.92	5.000	127.00	5.175	131.45	5.475	139.07	5.775	146.69		
_ _ C50DRA _	50	4.900	124.46	5.100	129.54	5.275	133.99	5.575	141.61	5.875	149.23		
_ _ C52DRA _ *	52	5.100	129.54	5.300	134.62	5.475	139.07	5.775	146.69	6.075	154.31		
_ _ C60DRA _	60	5.900	149.86	6.100	154.94	6.275	159.39	6.575	167.01	6.875	174.63		
_ _ C65DRA _	65	6.400	162.56	6.600	167.64	6.775	172.09	7.075	179.71	7.375	187.33		

* CONSULT FACTORY FOR AVAILABILITY

PART NUMBER CODING

_ _ C _ _ DRA _

MATERIAL (INSULATOR/CONTACT)

E = PBT/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX

R = PPS/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 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

A = PPS/BERYLLIUM COPPER
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX

J = PA9T/BERYLLIUM COPPER
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX

F = PPS/SPINODAL (CONSULT FACTORY FOR SPECIAL SOLDERING REQUIREMENTS)
OPERATING TEMP: -65°C TO +200°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

C = PPS/BERYLLIUM NICKEL (CONSULT FACTORY)
OPERATING TEMP: -65°C TO +200°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

W = PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)
OPERATING TEMP: -65°C TO +250°C
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

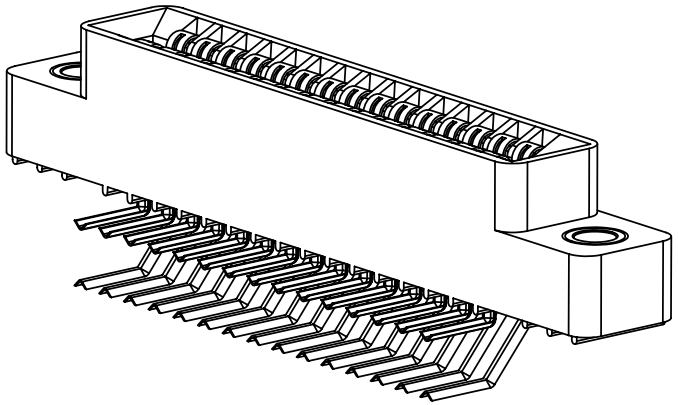
NUMBER OF POSITIONS (CONTACTS PER ROW)

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)
F = FLOATING BOBBIN (PAGE 2)
B = OPEN ENDED (PAGE 2)

PLATING
ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

	CONTACT SURFACE	TERMINATION
G =	.000010" GOLD	.000005" GOLD
Y =	.000030" GOLD	.000005" GOLD
B =	.000010" GOLD	.000100" PURE TIN, MATTE
C =	.000030" GOLD	.000100" PURE TIN, MATTE
****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



CUSTOMER COPY

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
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TOLERANCES:
ANGULAR: ± 30'
.XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
SURFACE FINISH: 63 Ra
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING
PER: ANSI Y14.5M-1994

	DATE	NAME
DRAWN	01-19-07	MNH

SULLINS CONNECTOR SOLUTIONS

DESCRIPTION: EDGECARD, .100 CC LP
PART NUMBER: _ _ C _ _ DRA _

SIZE	DWG. NO.	REV
C	C10876	C

SCALE: 4:1 SHEET 3 OF 3