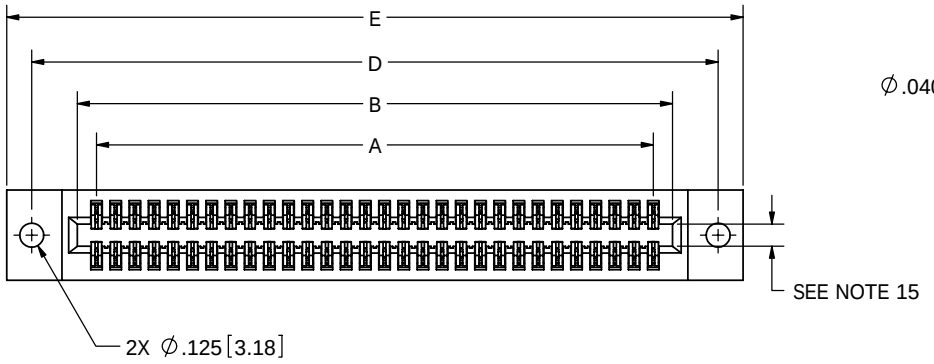
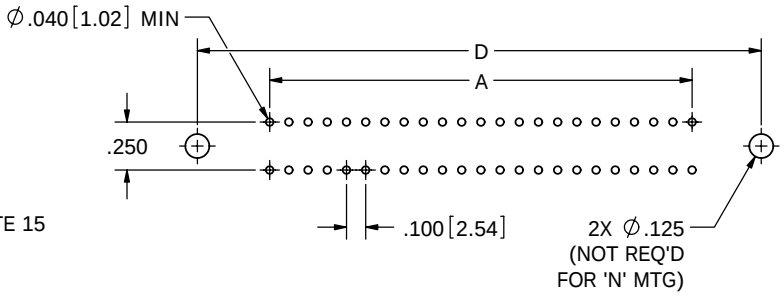
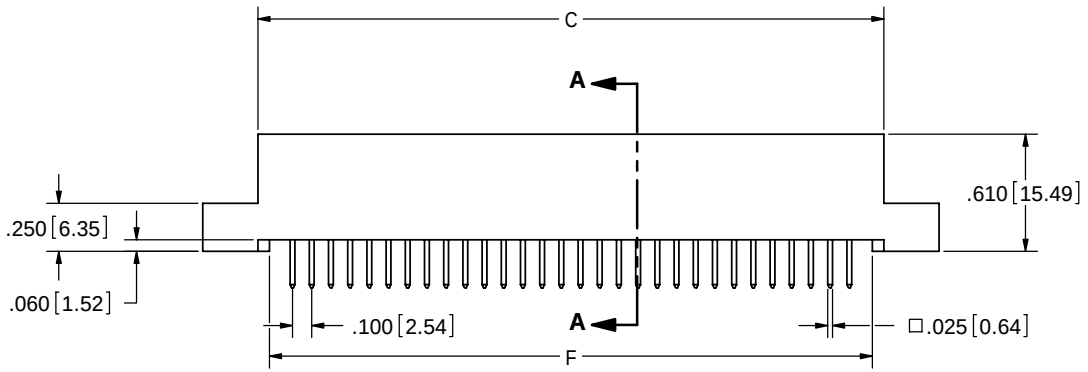
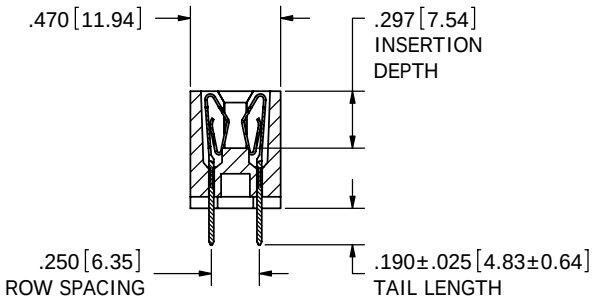
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1039	INITIAL RELEASE	6/9/2006	MV
B	1494	TAIL LENGTH & NOTES UPDATED. MODIFICATION CODE TABULATED.	8/29/2007	RAH







_ _ C _ _ DRSD - S_ _ _



SECTION A-A

NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING.
2. CONTACT MATERIAL: SEE PART NUMBER CODING.
3. PLATING: SEE PART NUMBER CODING.
4. OPERATING TEMPERATURE RATING: SEE PART NUMBER CODING.
5. PROCESSING TEMPERATURE: SEE PART NUMBER CODING.
6. UL FLAMABILITY RATING: 94V-0.
7. VOLTAGE RATING: 600 VDC MIN. AT SEA LEVEL.
8. CURRENT RATING: 3 AMP PER CONTACT PAIR.
9. VOLTAGE DROP: 30 MILLIVOLT AT RATED CURRENT.
10. INSULATION RESISTANCE: 5000 MEGA OHMS.
11. CONNECTOR IDENTIFICATION: PART SHALL BE MARKED WITH PART NUMBER AND BARCODE.
12. ACCOMMODATES BOARD THICKNESS: SEE PART NUMBER CODING.
13. INSERTION FORCE: S273 = 16 OZ MAX PER CONTACT PAIR WHEN USING A .093[2.36] TEST BLADE.
    S664 = 16 OZ MAX PER CONTACT PAIR WHEN USING A .125[3.18] TEST BLADE.
    INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
14. BOARD WITHDRAWAL FORCE: S273 = 1 ONCE MINIMUM PER CONTACT PAIR USING .093[2.36] PCB.
    S664 = 1 ONCE MINIMUM PER CONTACT PAIR USING .125[3.18] PCB
15. MODIFICATION: S273 = HIGH PROFILE CONNECTOR FOR .093±.008[2.36±0.20] PCB.
    S664 = HIGH PROFILE CONNECTOR FOR .125±.008[3.18±0.20] PCB.

RoHS COMPLIANT

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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
DRAWN	06/09/06	MANNY

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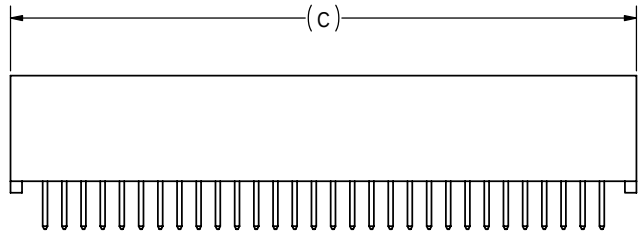
SULLINS ELECTRONICS

DESCRIPTION
EDGECARD, .100 CC, .093 & .125 PCB

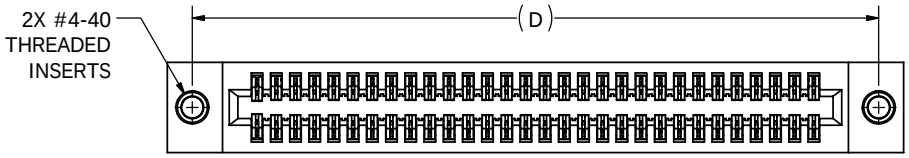
PART NUMBER
_ _ C _ _ DRS _ - S273, S664

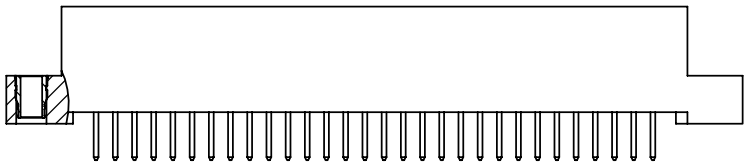
SIZE	DWG. NO.	REV
C	C10749	B

SCALE: 2:1 SHEET 1 OF 3

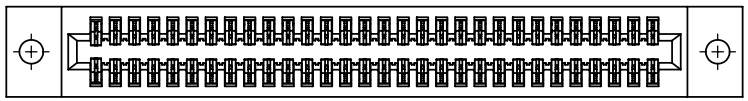


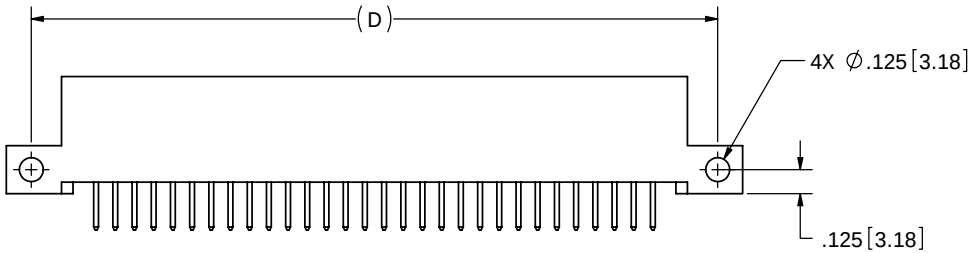
_ _ C _ _ DRSN - S_ _ _





_ _ C _ _ DRST - S_ _ _





_ _ C _ _ DRSZ - S_ _ _

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RoHS COMPLIANT

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TOLERANCES:
ANGULAR: ± 1°
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.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
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PER: ANSI Y14.5-1984

	DATE	NAME
DRAWN	06/09/06	MANNY

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SULLINS ELECTRONICS

DESCRIPTION
EDGECARD, .100 CC, .093 & .125 PCB

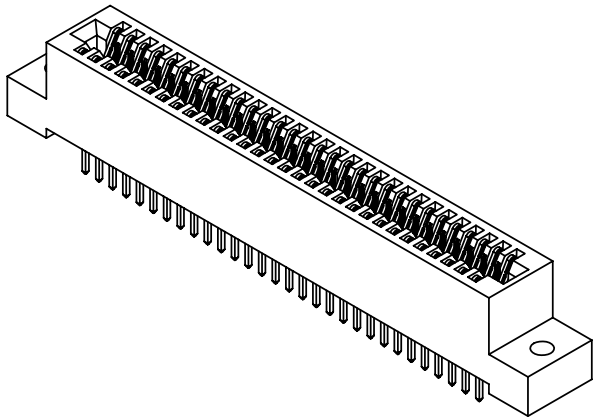
PART NUMBER
_ _ C _ _ DRS _ - S273, S664

SIZE	DWG. NO.	REV
C	C10749	B

SCALE: 2:1 SHEET 2 OF 3

PART NUMBER	NO. OF POS.	DIMENSIONS											
		A ±.008[0.20]		B ±.008[0.20]		C ±.015[0.38]		D ±.010[0.25]		E ±.020[0.51]		F ±.015[0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
_ _ C06DRS _ - S_ _ _	6	0.500	12.70	0.700	17.78	0.860	21.84	1.175	29.85	1.435	36.45	0.750	19.05
_ _ C07DRS _ - S_ _ _ *	7	0.600	15.24	0.800	20.32	0.960	24.38	1.275	32.39	1.535	38.99	0.850	21.59
_ _ C08DRS _ - S_ _ _ *	8	0.700	17.78	0.900	22.86	1.060	26.92	1.375	34.93	1.635	41.53	0.950	24.13
_ _ C10DRS _ - S_ _ _	10	0.900	22.86	1.100	27.94	1.260	32.00	1.575	40.01	1.835	46.61	1.150	29.21
_ _ C12DRS _ - S_ _ _	12	1.100	27.94	1.300	33.02	1.460	37.08	1.775	45.09	2.035	51.69	1.350	34.29
_ _ C15DRS _ - S_ _ _ *	15	1.400	35.56	1.600	40.64	1.760	44.70	2.075	52.71	2.335	59.31	1.650	41.91
_ _ C17DRS _ - S_ _ _ *	17	1.600	40.64	1.800	45.72	1.960	49.78	2.275	57.79	2.535	64.39	1.850	46.99
_ _ C18DRS _ - S_ _ _	18	1.700	43.18	1.900	48.26	2.060	52.32	2.375	60.33	2.635	66.93	1.950	49.53
_ _ C20DRS _ - S_ _ _ *	20	1.900	48.26	2.100	53.34	2.260	57.40	2.575	65.41	2.835	72.01	2.150	54.61
_ _ C22DRS _ - S_ _ _	22	2.100	53.34	2.300	58.42	2.460	62.48	2.775	70.49	3.035	77.09	2.350	59.69
_ _ C24DRS _ - S_ _ _ *	24	2.300	58.42	2.500	63.50	2.660	67.56	2.975	75.57	3.235	82.17	2.550	64.77
_ _ C25DRS _ - S_ _ _ *	25	2.400	60.96	2.600	66.04	2.760	70.10	3.075	78.11	3.335	84.71	2.650	67.31
_ _ C28DRS _ - S_ _ _ *	28	2.700	68.58	2.900	73.66	3.060	77.72	3.375	85.73	3.635	92.33	2.950	74.93
_ _ C30DRS _ - S_ _ _	30	2.900	73.66	3.100	78.74	3.260	82.80	3.575	90.81	3.835	97.41	3.150	80.01
_ _ C31DRS _ - S_ _ _ *	31	3.000	76.20	3.200	81.28	3.360	85.34	3.675	93.35	3.935	99.95	3.250	82.55
_ _ C35DRS _ - S_ _ _	35	3.400	86.36	3.600	91.44	3.760	95.50	4.075	103.51	4.335	110.11	3.650	92.71
_ _ C36DRS _ - S_ _ _	36	3.500	88.90	3.700	93.98	3.860	98.04	4.175	106.05	4.435	112.65	3.750	95.25
_ _ C40DRS _ - S_ _ _ *	40	3.900	99.06	4.100	104.14	4.260	108.20	4.575	116.21	4.835	122.81	4.150	105.41
_ _ C43DRS _ - S_ _ _ *	43	4.200	106.68	4.400	111.76	4.560	115.82	4.875	123.83	5.135	130.43	4.450	113.03
_ _ C44DRS _ - S_ _ _ *	44	4.300	109.22	4.500	114.30	4.660	118.36	4.975	126.37	5.235	132.97	4.550	115.57
_ _ C49DRS _ - S_ _ _ *	49	4.800	121.92	5.000	127.00	5.160	131.06	5.475	139.07	5.735	145.67	5.050	128.27
_ _ C50DRS _ - S_ _ _	50	4.900	124.46	5.100	129.54	5.260	133.60	5.575	141.61	5.835	148.21	5.150	130.81
_ _ C55DRS _ - S_ _ _	55	5.400	137.16	5.600	142.24	5.760	146.30	6.075	154.31	6.335	160.91	5.650	143.51
_ _ C60DRS _ - S_ _ _ *	60	5.900	149.86	6.100	154.94	6.260	159.00	6.575	167.01	6.835	173.61	6.150	156.21
_ _ C61DRS _ - S_ _ _	61	6.000	152.40	6.200	157.48	6.360	161.54	6.675	169.55	6.935	176.15	6.250	158.75
_ _ C65DRS _ - S_ _ _ *	65	6.400	162.56	6.600	167.64	6.760	171.70	7.075	179.71	7.335	186.31	6.650	168.91
_ _ C70DRS _ - S_ _ _	70	6.900	175.26	7.100	180.34	7.260	184.40	7.575	192.41	7.835	199.01	7.150	181.61

*CONSULT FACTORY FOR AVAILABILITY



PART NUMBER CODING

_ _ C _ _ DRS _-S_ _ _

MATERIALS (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

(CONSULT FACTORY FOR OTHER MATERIALS)

NUMBER OF POSITIONS (CONTACTS PER ROW)

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

MOUNTING STYLE

N = NO MOUNTING EARS (PAGE 2)
D = FLUSH MOUNTING (PAGE 1)
T = FLUSH MOUNTING WITH # 4-40 THREADED INSERT (PAGE 2)
Z = FLUSH MOUNTING WITH SIDE HOLES (PAGE 2)

MODIFICATION CODE

S273 = FOR .093±.008[2.36±0.20] THICK MATING PCB
S664 = FOR .125±.008[3.18±0.20] THICK MATING PCB

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DRAWN	06/09/06	MANNY

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SULLINS ELECTRONICS

DESCRIPTION: EDGECARD, .100 CC, .093 & .125 PCB

PART NUMBER: _ _ C _ _ DRS _ - S273, S664

SIZE	DWG. NO.	REV
C	C10749	B

SCALE: 2:1 SHEET 3 OF 3