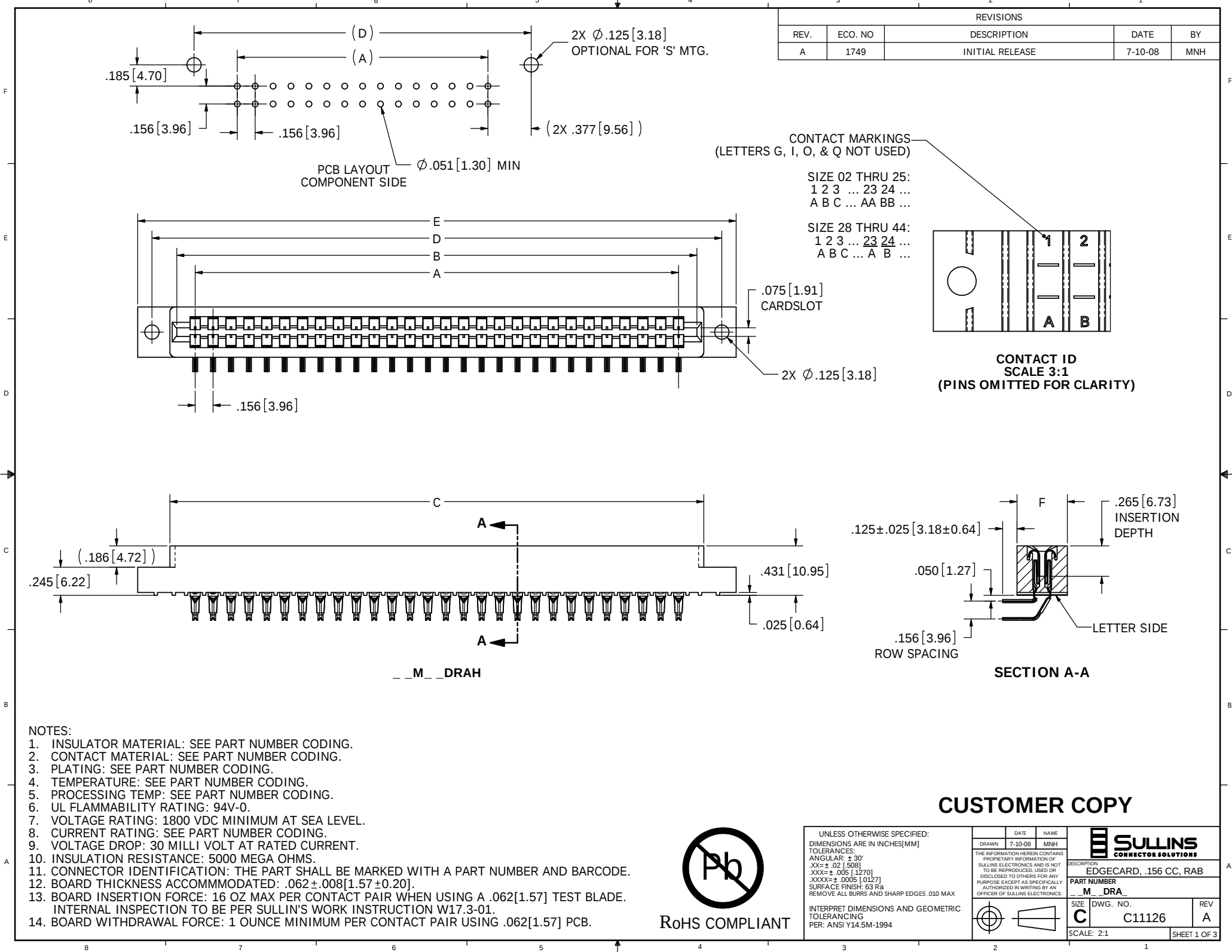
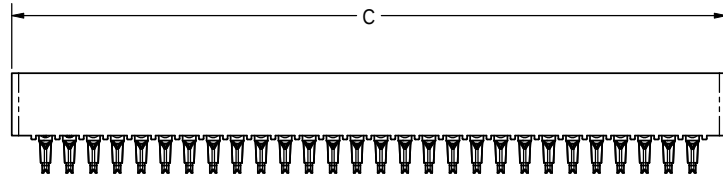
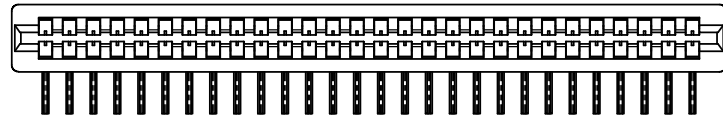
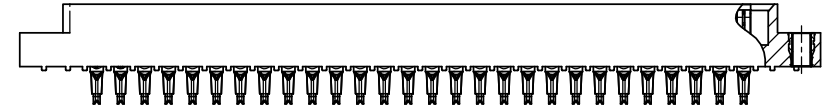
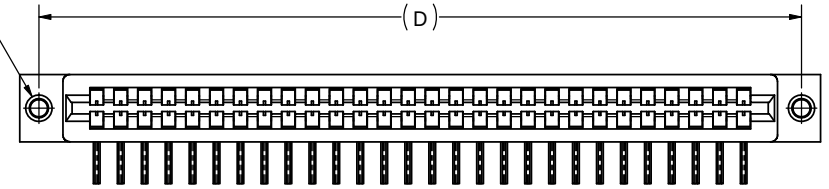






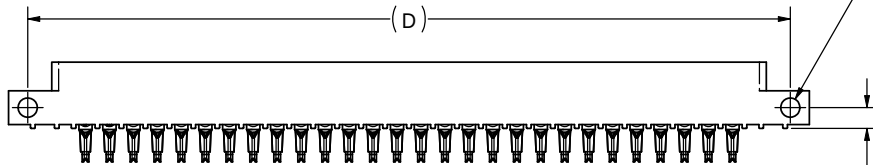
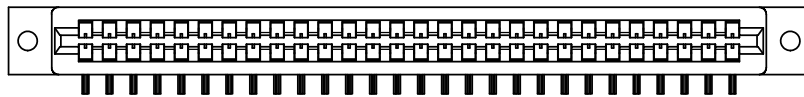
_ _M_ _DRAN

2X #4-40
THREADED
INSERT

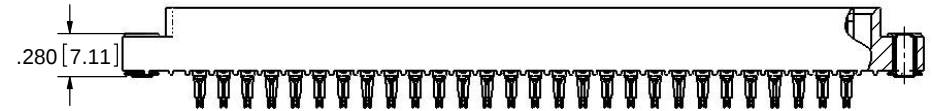
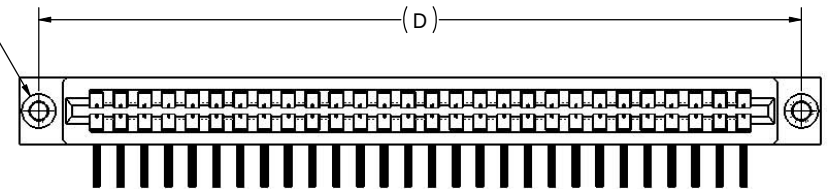


_ _M_ _DRAI

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

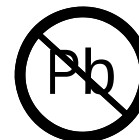


_ _M_ _DRAS



_ _M_ _DRAF

CUSTOMER COPY



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES[MM]

TOLERANCES:

ANGULAR: $\pm 30^\circ$

.XX $\pm$.02 [508]

.XXX $\pm$.005 [1270]

.XXXX $\pm$.0005 [0127]

SURFACE FINISH: 63 Ra

REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC

TOLERANCING

PER: ANSI Y14.5M-1994

DRAWN	DATE	NAME
7-10-08	MNH	

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OFFICER OF SULLINS ELECTRONICS.

SIZE	DWG. NO.
C	C11126

DESCRIPTION	PART NUMBER	REV
EDGE CARD, .156 CC, RAB	_ _M_ _DRA_	A
SCALE: 2:1	SHEET 2 OF 3	



												Only applies for PPS/ PEEK insulators with threaded inSArts or floats			
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]		E ±.020[0.51]		F ±.005[0.13]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
M02DRAN	2	0.156	3.96	0.476	12.09	0.596	15.14	"N" MOUNTING						0.325	8.26
M03DRAN	3	0.312	7.92	0.632	16.05	0.752	19.10								
M06DRA	6	0.780	19.81	1.100	27.94	1.220	30.99	1.533	38.94	1.782	45.26	1.882	47.80		
M08DRA	8	1.092	27.74	1.412	35.86	1.532	38.91	1.845	46.86	2.094	53.19	2.194	55.73		
M10DRA	10	1.404	35.66	1.724	43.79	1.844	46.84	2.157	54.79	2.406	61.11	2.506	63.65		
M11DRA	11	1.560	39.62	1.880	47.75	2.000	50.80	2.313	58.75	2.562	65.07	2.662	67.61		
M12DRA	12	1.716	43.59	2.036	51.71	2.156	54.76	2.469	62.71	2.718	69.04	2.818	71.58		
M15DRA	15	2.184	55.47	2.504	63.60	2.624	66.65	2.937	74.60	3.186	80.92	3.286	83.46		
M18DRA	18	2.652	67.36	2.972	75.49	3.092	78.54	3.405	86.49	3.654	92.81	3.754	95.35		
M22DRA	22	3.276	83.21	3.596	91.34	3.716	94.39	4.029	102.34	4.278	108.66	4.378	111.20		
M24DRA	24	3.588	91.14	3.908	99.26	4.028	102.31	4.341	110.26	4.590	116.59	4.690	119.13		
M25DRA	25	3.744	95.10	4.064	103.23	4.184	106.27	4.497	114.22	4.746	120.55	4.846	123.09		
M28DRA	28	4.212	106.98	4.532	115.11	4.652	118.16	4.965	126.11	5.214	132.44	5.314	134.98		
M36DRA	36	5.460	138.68	5.780	146.81	5.900	149.86	6.213	157.81	6.462	164.13	6.562	166.67	0.438	11.13
M43DRA	43	6.552	166.42	6.872	174.55	6.992	177.60	7.305	185.55	7.554	191.87	7.654	194.41	0.500	12.70
M44DRA	44	6.708	170.38	7.028	178.51	7.148	181.56	7.461	189.51	7.710	195.83	7.810	198.37		

PART NUMBER CODING

- M - DRA -

MATERIAL (INSULATOR/CONTACT)

E = PBT/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C @ 3 AMPS PER CONTACT
OPERATING TEMP: -65°C TO +21°C @ 5 AMPS PER CONTACT
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
CURRENT RATING PER CONTACT: 5 AMPS

G = PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
CURRENT RATING PER CONTACT: 5 AMPS

H = PBT/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +125°C @ 3 AMPS PER CONTACT
OPERATING TEMP: -65°C TO +105°C @ 5 AMPS PER CONTACT
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
CURRENT RATING PER CONTACT: 5 AMPS

J = PA9T/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
CURRENT RATING PER CONTACT: 5 AMPS

F = PPS/SPINODAL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)
OPERATING TEMP: -65°C TO +200°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
CURRENT RATING PER CONTACT: 3 AMPS

C = PPS/BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)
OPERATING TEMP: -65°C TO +200°C @ 3 AMPS PER CONTACT
PROCESSING TEMP: 260°C FOR 120 SECS MAX

W = PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)
OPERATING TEMP: -65°C TO +250°C
CURRENT RATING PER CONTACT: 3 AMPS
(CONSULT FACTORY FOR OTHER MATERIALS)

MOUNTING STYLE

H = .125" DIA. CLEARANCE HOLES (PAGE 1)
N = NO MOUNTING EARS (PAGE 2)
S = .125" DIA. SIDE MOUNTING (PAGE 2)
I = #4-40 THREADED INSERT (PAGE 2)
F = FLOATING BOBBIN (PAGE 2)

NUMBER OF POSITIONS
(CONTACTS PER ROW)

PLATING

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

CONTACT SURFACE

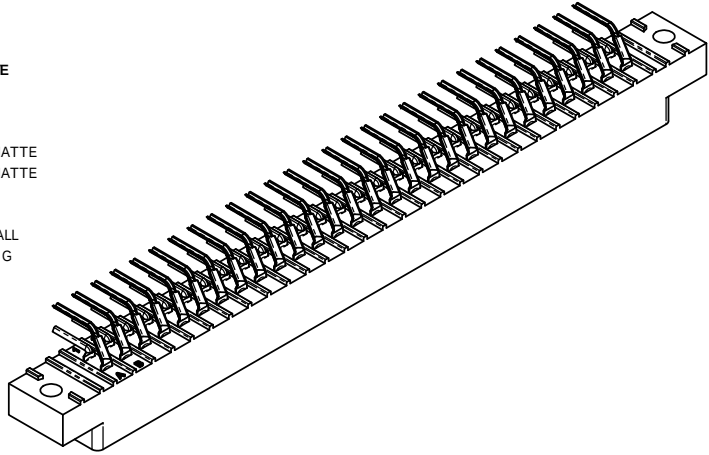
G = .000010" GOLD
Y = .000030" GOLD
B = .000010" GOLD
C = .000030" GOLD
**E = .000100" PURE TIN, MATTE, OVERALL
S = .000010" GOLD OVERALL
M = .000030" GOLD

TERMINATION

.000005" GOLD
.000005" GOLD
.000100" PURE TIN, MATTE
.000100" PURE TIN, MATTE

.000010" GOLD OVERALL

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



CUSTOMER COPY



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30° .XX±.02 [508] .XXX±.005 [127] XXXX±.0005 [0.127] SURFACE FINISH: 63 Ra REMOVE ALL BURRS AND SHARP EDGES .010 MAX		DATE 7-10-08	NAME MNH			
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994		PART NUMBER M_DRA		SIZE C	DWG. NO. C11126	REV A
SCALE: 2:1		SHEET 3 OF 3				