

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2440	INITIAL RELEASE	09/01/2011	JH
B	4125	CHANGE CONTACT GAP DIM TO REF, NOTE 5 & 7	11/8/2019	JH

PART NUMBER CODING

E _ M _ DKL _

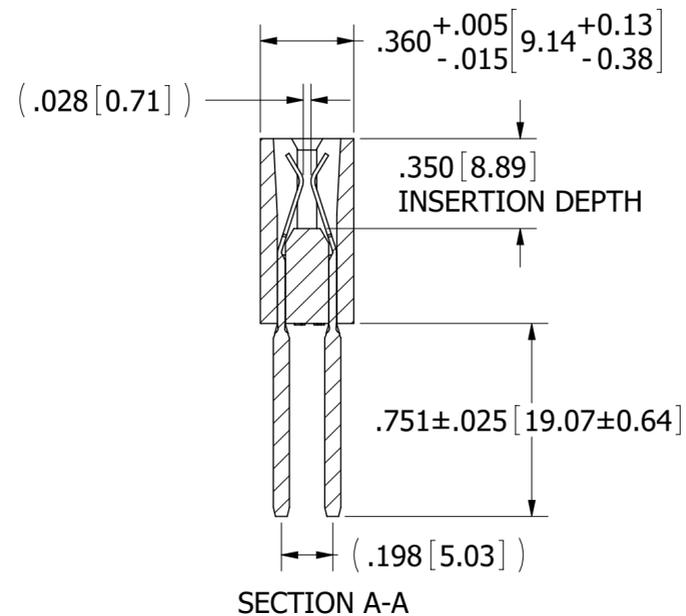
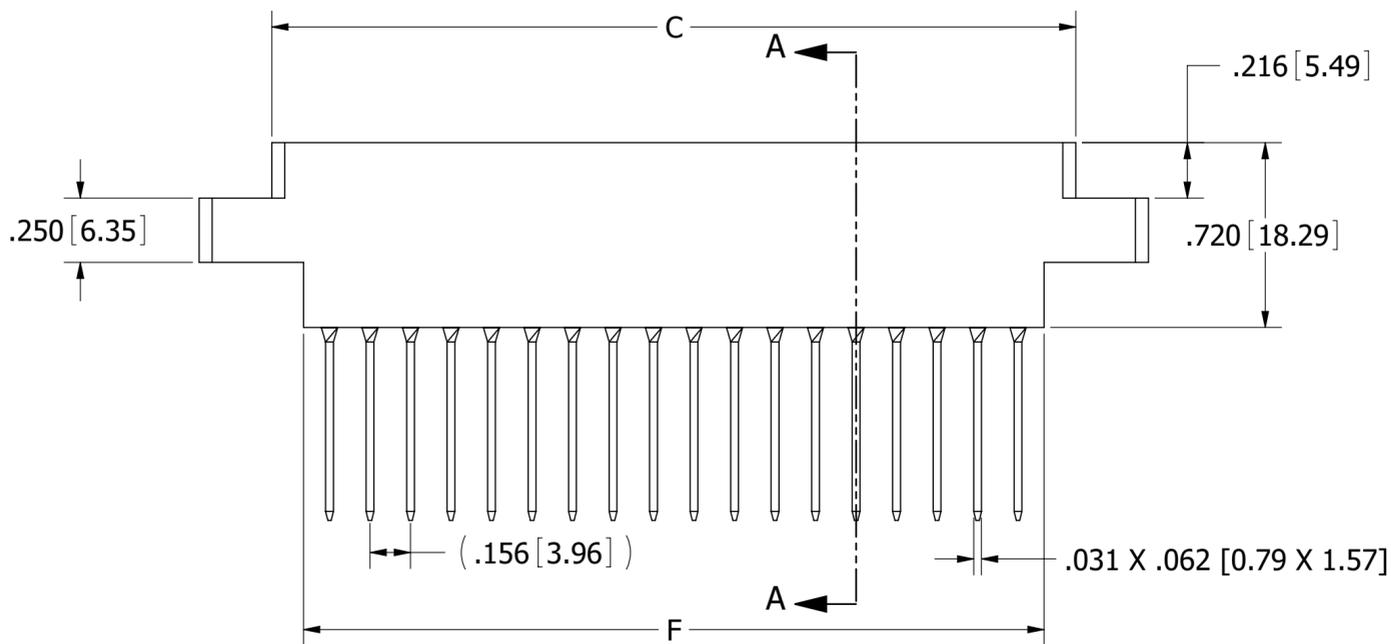
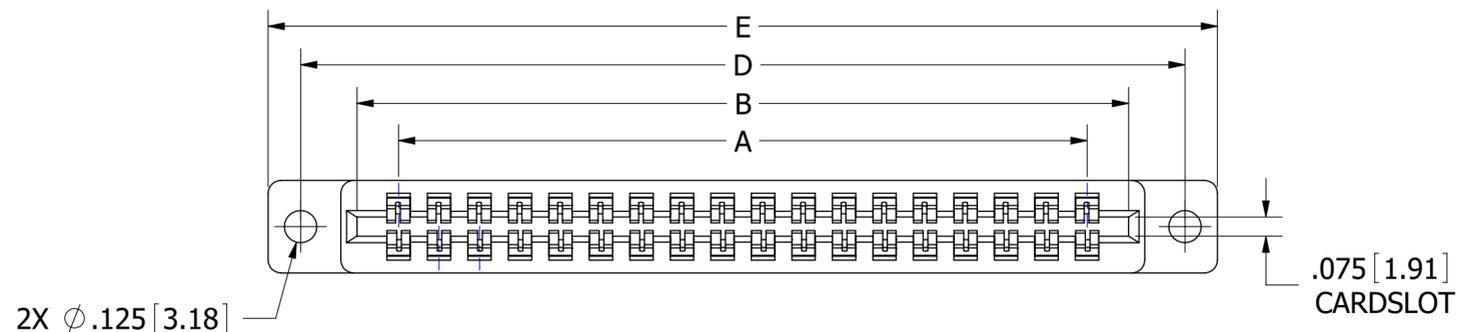
NUMBER OF POSITIONS (CONTACTS PER ROW)

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

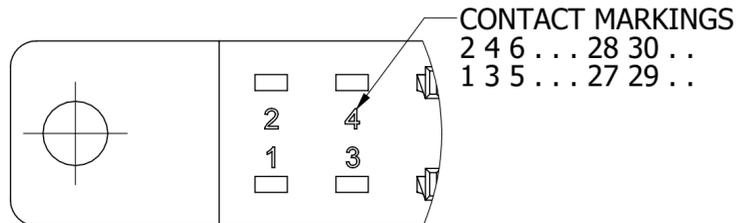
PLATING

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
S = .000010" GOLD OVERALL	.000010" GOLD OVERALL
M = .000030" GOLD	.000010" GOLD OVERALL
E = .000100" PURE TIN, MATTE OVERALL	



E_M_DKHLH



CONTACT ID CONTACT PINS OMITTED FOR CLARITY

NOTES:

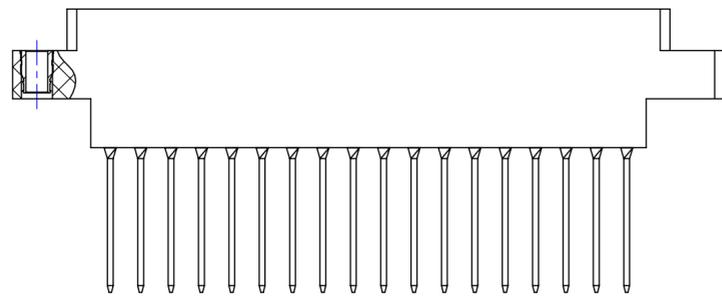
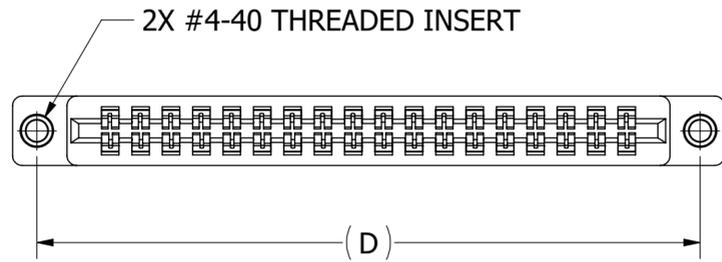
1. INSULATOR MATERIAL: PBT
2. CONTACT MATERIAL: PHOSPHOR BRONZE
3. PLATING: SEE PART NUMBER CODING.
4. OPERATING TEMPERATURE: -65°C TO +125°C
5. PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 950 VAC
8. CURRENT RATING: 5 AMP PER CONTACT
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS
11. DURABILITY: 500 CYCLES MIN
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] PCB



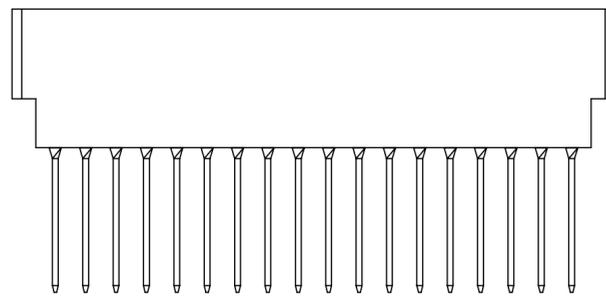
CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		9/1/2011	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]	<small>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.</small>			TITLE
				EDGE CARD, .156 CC, HP
PART NUMBER				
E_M_DKLLH				
SIZE	CAGE CODE	DWG. NO.	REV	
C	54453	C11878	B	
SCALE: 2:1			SHEET 1 OF 2	

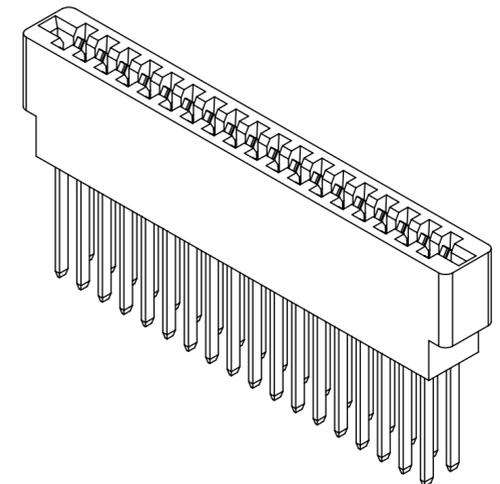
PART NUMBER	NO. OF POS.	INCHES						MILLIMETERS					
		A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
E_M06DKL_	6	0.780	1.100	1.224	1.534	1.784	0.980	19.81	27.94	31.09	38.96	45.31	24.89
E_M10DKL_	10	1.404	1.724	1.848	2.158	2.408	1.604	35.66	43.79	46.94	54.81	61.16	40.74
E_M12DKL_	12	1.716	2.036	2.160	2.470	2.720	1.916	43.59	51.71	54.86	62.74	69.09	48.67
E_M15DKL_	15	2.184	2.504	2.628	2.938	3.188	2.384	55.47	63.60	66.75	74.63	80.98	60.55
E_M18DKL_	18	2.652	2.972	3.096	3.406	3.656	2.852	67.36	75.49	78.64	86.51	92.86	72.44
E_M20DKL_	20	2.964	3.284	3.408	3.718	3.968	3.164	75.29	83.41	86.56	94.44	100.79	80.37
E_M22DKL_	22	3.276	3.596	3.720	4.030	4.280	3.476	83.21	91.34	94.49	102.36	108.71	88.29
E_M25DKL_	25	3.744	4.064	4.188	4.498	4.748	3.944	95.10	103.23	106.38	114.25	120.60	100.18
E_M28DKL_	28	4.212	4.532	4.656	4.966	5.216	4.412	106.98	115.11	118.26	126.14	132.49	112.06
E_M30DKL_	30	4.524	4.844	4.968	5.278	5.528	4.724	114.91	123.04	126.19	134.06	140.41	119.99
E_M31DKL_	31	4.680	5.000	5.124	5.434	5.684	4.880	118.87	127.00	130.15	138.02	144.37	123.95
E_M36DKL_	36	5.460	5.780	5.904	6.214	6.464	5.660	138.68	146.81	149.96	157.84	164.19	143.76
E_M43DKL_	43	6.552	6.872	6.996	7.306	7.556	6.752	166.42	174.55	177.70	185.57	191.92	171.50
E_M50DKL_	50	7.644	7.964	8.088	8.398	8.648	7.844	194.16	202.29	205.44	213.31	219.66	199.24



E_M__DKLI



E_M__DKLN



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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR: ± 1°

DECIMALS

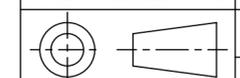
.XX=± .02 [.5]

.XXX=± .005 [.13]

.XXXX=± .0005 [.013]

DRAWN	DATE	NAME
	9/1/2011	JH

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EDGE CARD, .156 CC, HP

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E_M__DKL_

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SCALE: 2:1 SHEET 2 OF 2