

PART NUMBER CODING

E _ M _ DKK _ S _ _ _

MODIFICATION

OMIT FOR STANDARD, EX: 'EBM15DKKH'
S# FOR MOLDED KEY (SEE DRAWING C13556 FOR S#, DIMENSION 'G' & 'H')

MOUNTING STYLE

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

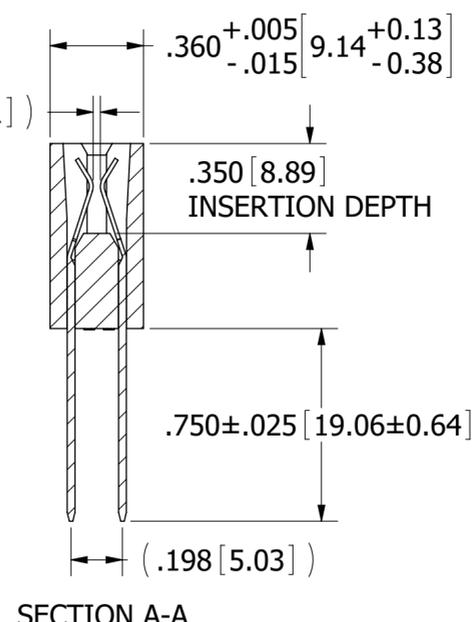
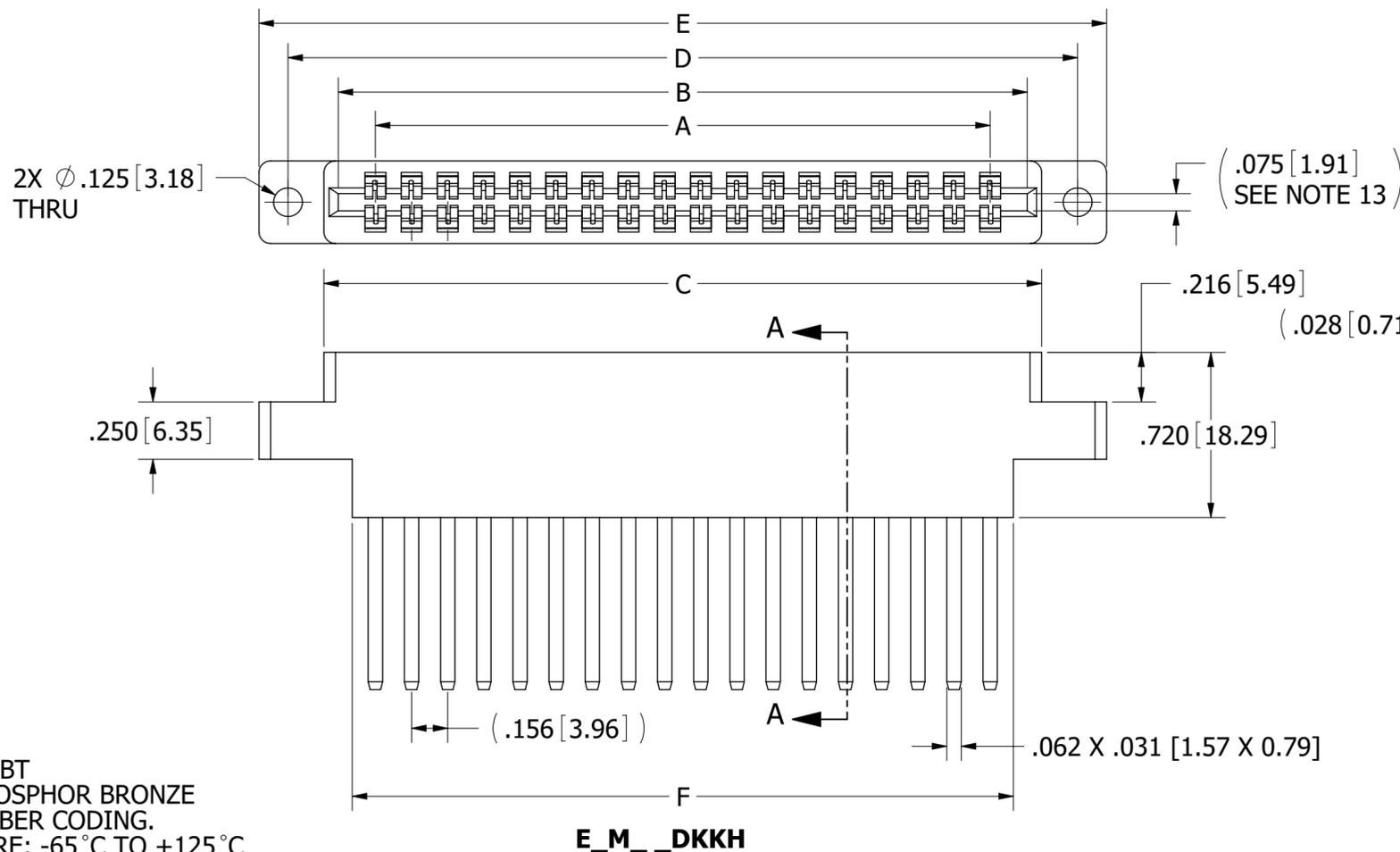
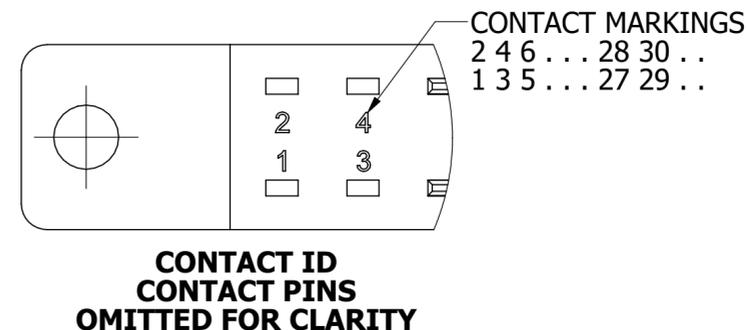
NUMBER OF POSITIONS (CONTACTS PER ROW)

PLATING

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

CONTACT SURFACE	TERMINATION
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	
M = .000030" GOLD	.000010" GOLD OVERALL
E = .000100" PURE TIN, MATTE OVERALL	

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2440	INITIAL RELEASE	09/01/2011	JH
B	4125	CHANGE CONTACT GAP DIM TO REF (WAS ±.010), UPDATE NOTE 5 & 7, ADD KEY OPTION	11/8/2019	JH



NOTES:

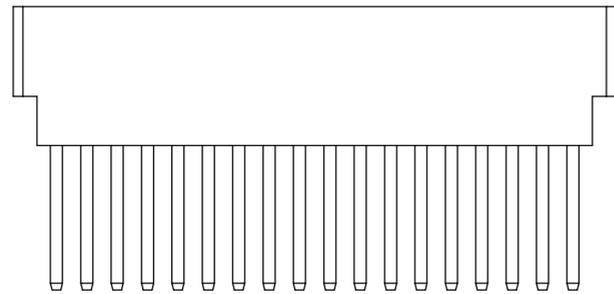
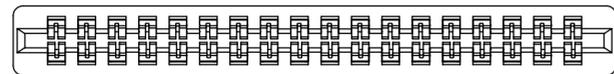
1. INSULATOR MATERIAL: PBT
2. CONTACT MATERIAL: PHOSPHOR BRONZE
3. PLATING: SEE PART NUMBER CODING.
4. OPERATING TEMPERATURE: -65°C TO +125°C
5. PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 950 VAC
8. CURRENT RATING: 5 AMP PER CONTACT
9. CONTACT RESISTANCE: 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: $.062 \pm .008$ [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
16. MODIFICATION: SEE PART NUMBER CODING

CUSTOMER COPY

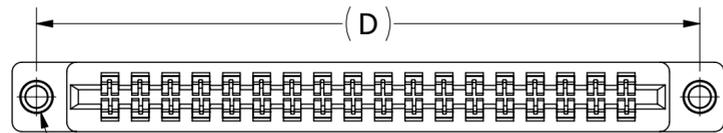


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			9/1/2011	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [1.3] .XXXX = ± .0005 [0.13]					TITLE EDGECARD, .156 CC, HP
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND 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 E_M__DKK__
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453	C11660	B		
SCALE: 2:1		SHEET 1 OF 2			

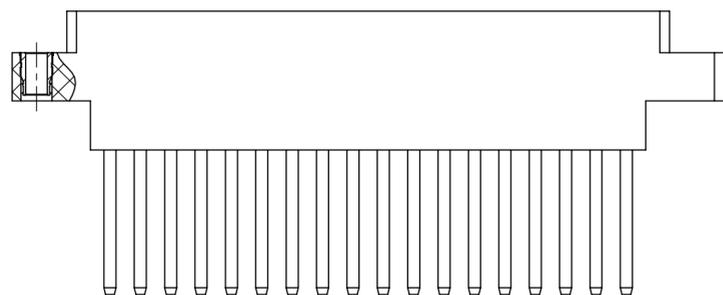
PART NUMBER	NO. OF POS.	INCHES						MILLIMETERS					
		A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
E_M06DKK	6	0.780	1.100	1.224	1.534	1.784	0.980	19.81	27.94	31.09	38.96	45.31	24.89
E_M10DKK	10	1.404	1.724	1.848	2.158	2.408	1.604	35.66	43.79	46.94	54.81	61.16	40.74
E_M12DKK	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_M15DKK	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_M18DKK	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_M20DKK	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_M22DKK	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_M25DKK	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_M28DKK	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_M30DKK	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_M31DKK	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_M36DKK	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_M43DKK	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_M50DKK	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



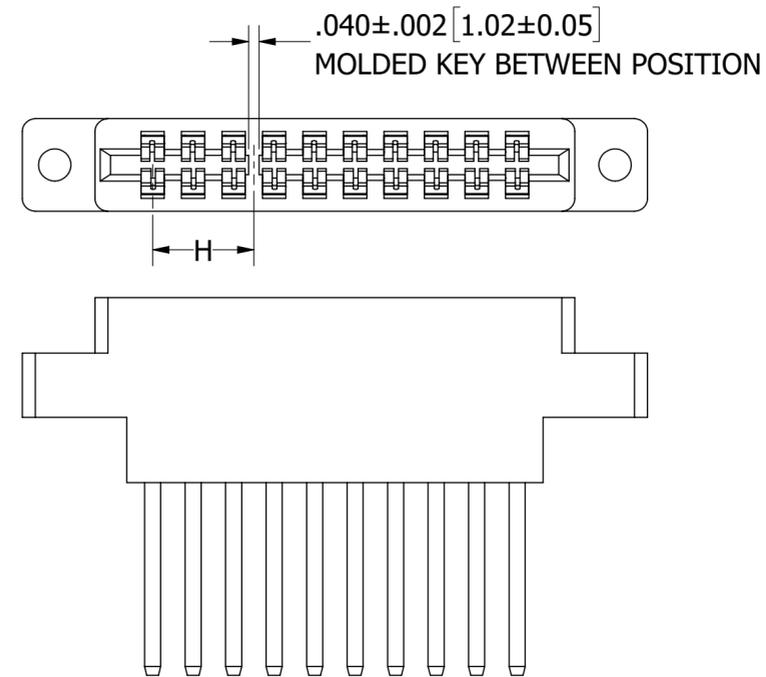
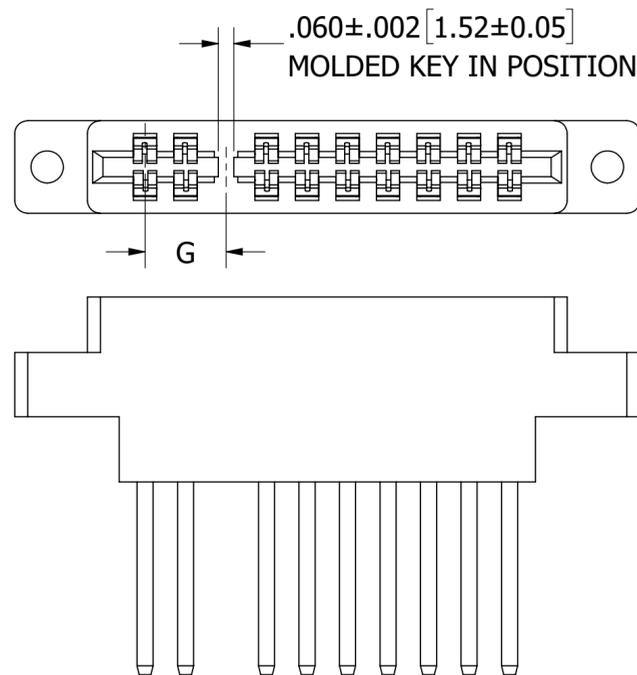
E_M_DKKN



2X #4-40 THREADED INSERT

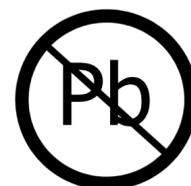


E_M_DKKI



(*N' MOUNTING AS SHOWN FOR EXAMPLE)

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RoHS COMPLIANT

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DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR: ± 1°

DECIMALS

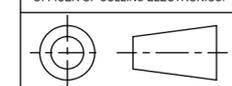
.XX=± .02 [.5]

.XXX=± .005 [.13]

.XXXX=± .0005 [.013]

DRAWN	DATE	NAME
	9/1/2011	JH

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PART NUMBER
E_M_DKK

SIZE	CAGE CODE	DWG. NO.
C	54453	C11660

SCALE: 2:1

REV
B

SHEET 2 OF 2