

PART NUMBER CODING

M **DKK** **S** _____

MATERIAL (INSULATOR / CONTACT)

E = BLACK PBT/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: WAVE SOLDERING ONLY

O = BROWN PPS/HIGH CONDUCTIVITY COPPER ALLOY

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
(AVAILABLE WITH 'C' PLATING CODE ONLY)

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

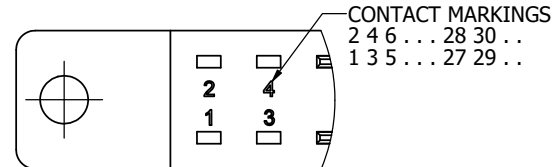
CONTACT SURFACE

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

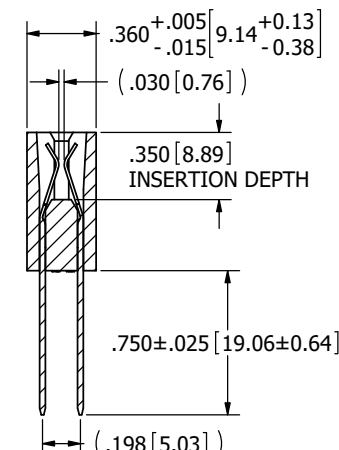
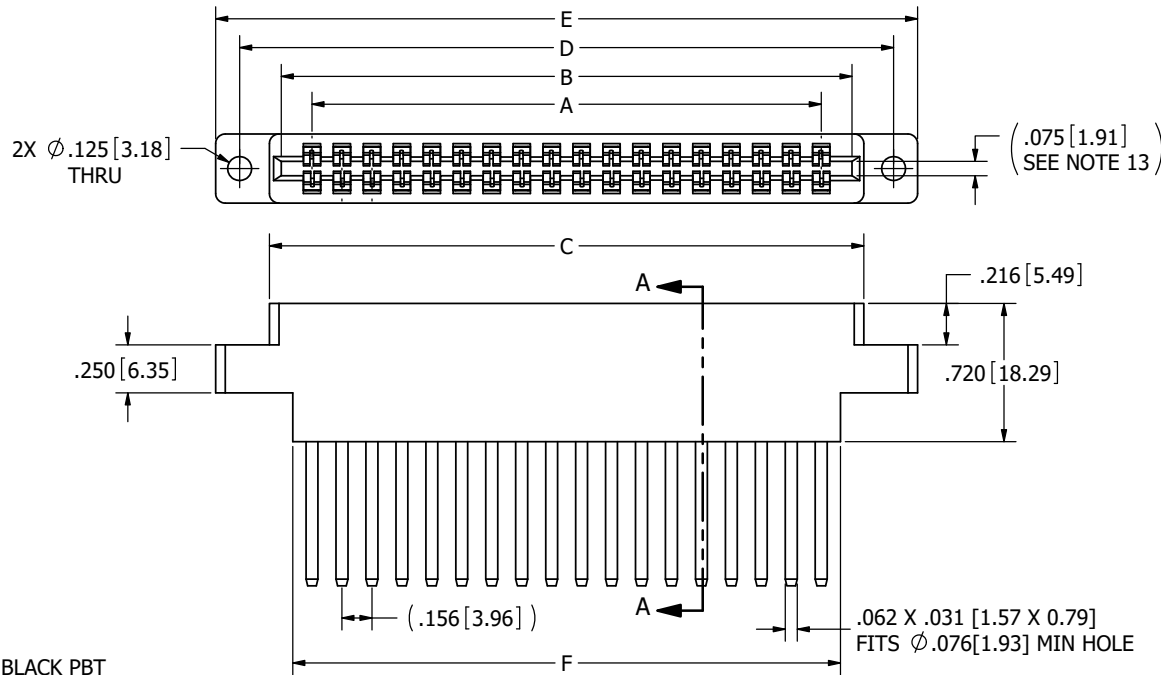
TERMINATION

.000100" PURE TIN, MATTE
.000100" PURE TIN, MATTE
.000005" GOLD
.000005" GOLD
.000010" GOLD 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
C	4576	UPDATE NOTE 8 (REMOVE 'PER CONTACT'), ADD 'O' MATERIAL	1/9/2023	MM



**CONTACT ID
(CONTACT PINS
OMITTED FOR CLARITY)**



- NOTES:**
- INSULATOR MATERIAL: BLACK PBT
 - CONTACT MATERIAL: PHOSPHOR BRONZE
 - PLATING: SEE PART NUMBER CODING.
 - OPERATING TEMPERATURE: -65°C TO +125°C
 - PROCESSING TEMP: WAVE SOLDERING ONLY
 - UL FLAMMABILITY RATING: 94V-0
 - OPERATING VOLTAGE: 950 VAC
 - CURRENT RATING: 5 AMP
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS
 - DURABILITY: 500 CYCLES MINIMUM
 - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
 - BOARD THICKNESS ACCOMMODATED: .062 ±.008 [1.57 ±0.20]
 - INSERTION FORCE: 8 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE
 - INTERNAL INSPECTION TO BE PER SULLINS WORK INSTRUCTION WI-8.6-03
 - WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE
 - MODIFICATION: SEE PART NUMBER CODING

E_M__DKKH



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES (MM)

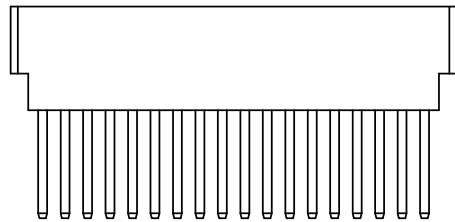
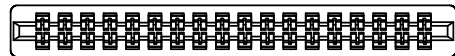
TOLERANCES:
ANGULAR: ± 1°

DECIMALS
.XX = ± .02 [5]
.XXX = ± .005 [13]
.XXXX = ± .0005 [013]

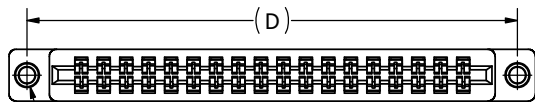
DRAWN	DATE	NAME		
	9/1/2011	JH		
<small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small>			TITLE EDGECARD, .156 CC, HP	
PART NUMBER M DKK			SCALE 2:1	
SIZE	CAGE CODE	DWG. NO.	REV	
C	54453	C11660	C	
SHEET 1 OF 2				

CUSTOMER COPY

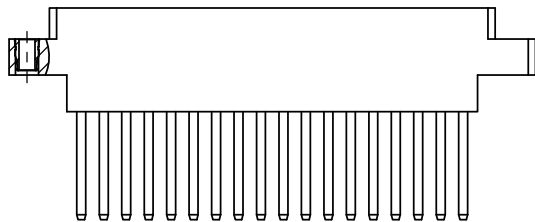
PART NUMBER	NO. OF POS.	INCHES						MILLIMETERS					
		A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
E_M06DKK_	6	0.780	1.100	1.224	1.534	1.784	0.980	19.81	27.94	31.09	38.96	45.31	24.89
E_M10DKK_	10	1.404	1.724	1.848	2.158	2.408	1.604	35.66	43.79	46.94	54.81	61.16	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



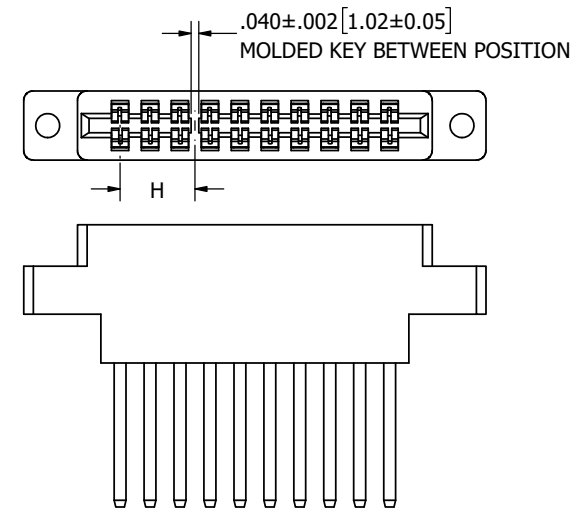
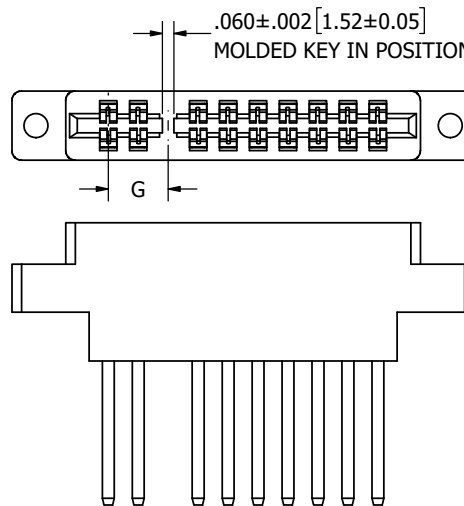
E_M_ _DKKN



2X #4-40 THREADED INSERT



E_M_ _DKKI



('H' MOUNTING AS SHOWN FOR EXAMPLE)

CUSTOMER COPY



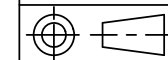
RoHS COMPLIANT

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DRAWN	DATE	NAME
JH	9/1/2011	JH

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SULLINS CONNECTOR SOLUTIONS	
TITLE EDGE CARD, .156 CC, HP	
PART NUMBER _ M _ DKK _	
SIZE C	CAGE CODE 54453
DWG. NO. C11660	REV C
SCALE: 2:1	
SHEET 2 OF 2	