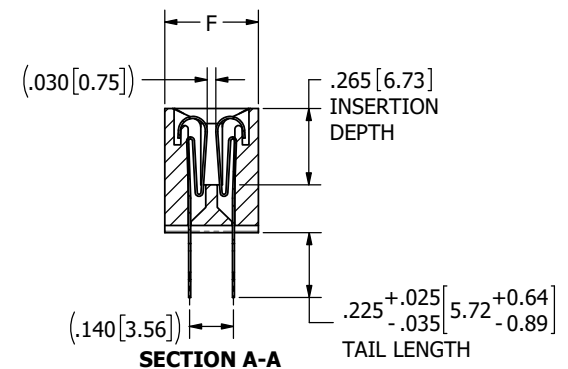
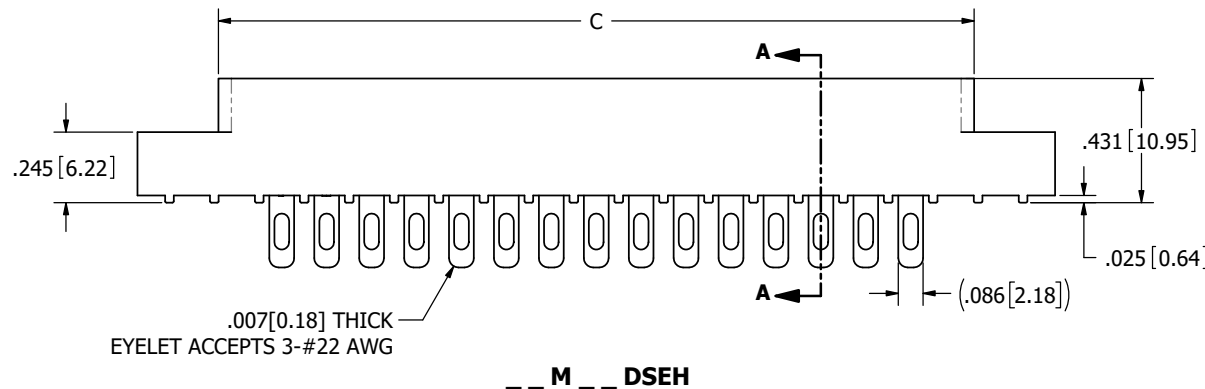
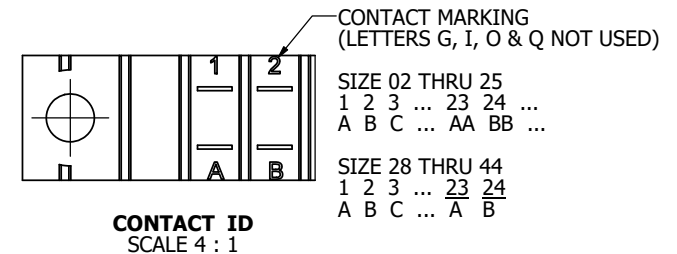
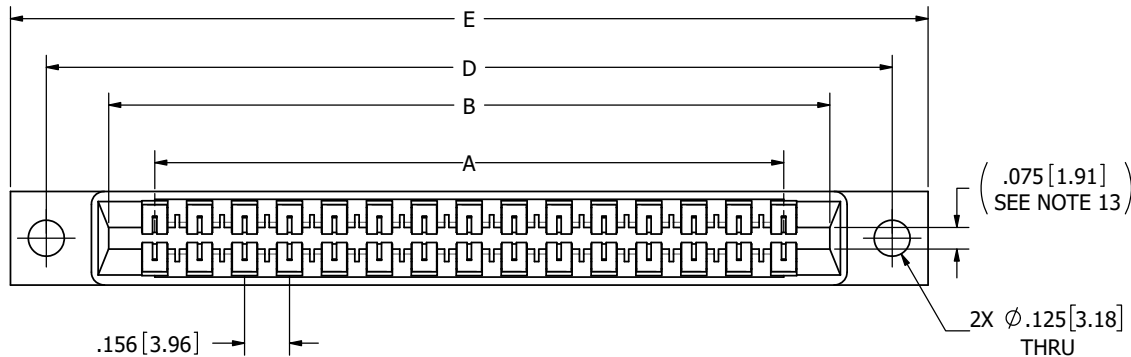


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
F	4133	CHANGE NOTE 8 (WAS 3A), REMOVE 'N' ONLY IN DIM TABLE FOR POSITION 2, 3 & 4, ADD REF ROW SPACING	10/23/2019	JH
H	4874	ADD POSITION 40 & 30, REMOVE C & W MATERIAL	2/7/2025	JH

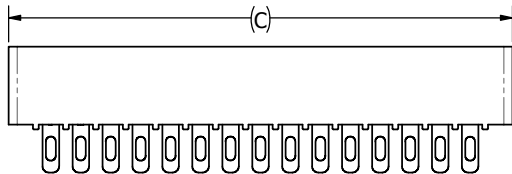


- NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
  2. CONTACT MATERIAL: SEE PART NUMBER CODING
  3. PLATING: SEE PART NUMBER CODING
  4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
  5. PROCESSING TEMP: SEE PART NUMBER CODING
  6. UL FLAMMABILITY RATING: 94V-0
  7. OPERATING VOLTAGE: 950 VAC
  8. CURRENT RATING: 5 AMP
  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: 16 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
  15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE
  16. MODIFICATION: SEE PART NUMBER CODING

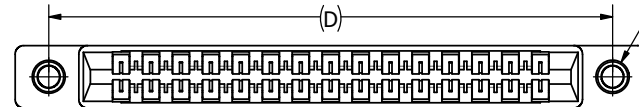
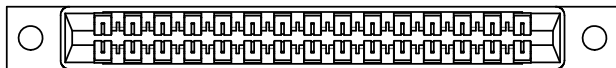


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME
			5/29/2012	JH
TOLERANCES:		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.		
ANGULAR: ± 1°				
DECIMALS .XX = ± .02 [5] .XXX = ± .005 [13] .XXXX = ± .0005 [013]				
		TITLE EDGE CARD, .156 CC, LP		
		PART NUMBER _ _ M _ _ DSE _ - (S38, S81, S328, S73, S589)		
		SIZE C	CAGE CODE 54453	DWG. NO. C10872
SCALE: 3:1		REV H		
		SHEET 1 OF 3		

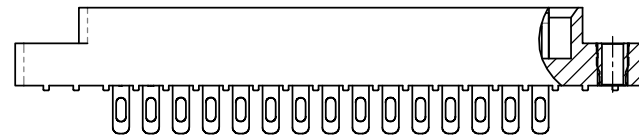
CUSTOMER COPY



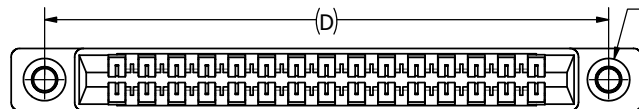
\_\_ M \_\_ DSEN



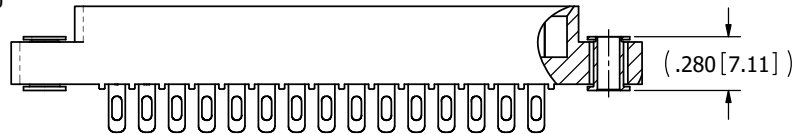
2X #4-40  
THREADED  
INSERT



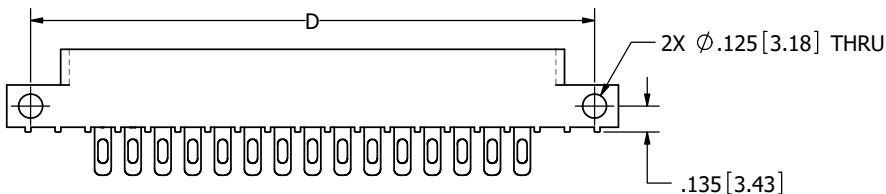
\_\_ M \_\_ DSEI



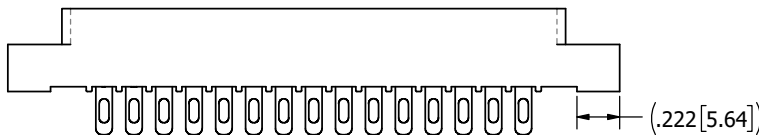
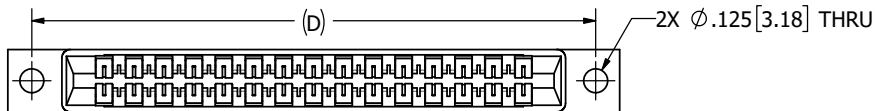
2X FLOATING BOBBIN  
Ø.116[2.95] CLEARANCE  
FOR #4 SCREW



\_\_ M \_\_ DSEF



\_\_ M \_\_ DSES



\_\_ M \_\_ DSED



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME
			5/29/2012	JH
TOLERANCES:		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.		
ANGULAR: ± 1°				
DECIMALS				
.XX= ± .02 [.5]				
.XXX= ± .005 [.13]				
.XXXX= ± .0005 [.013]				
		TITLE		
		EDGE CARD, .156 CC, LP		
		PART NUMBER		
		__ M __ DSE - (S38, S81, S328, S73, S589)		
SIZE	CAGE CODE	DWG. NO.	REV	
C	54453	C10872	H	
SCALE: 3:1		SHEET 2 OF 3		

CUSTOMER COPY



												FOR 'I' AND 'F' MOUNTING STYLES			
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/- .015[+0.13/-0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
__M02DSE__	2	0.156	3.96	0.476	12.09	0.596	15.14	0.909	23.09	1.158	29.41	1.258	31.95	0.325	8.26
__M03DSE__	3	0.312	7.92	0.632	16.05	0.752	19.10	1.065	27.05	1.314	33.38	1.414	35.92		
__M04DSE__	4	0.468	11.89	0.788	20.02	0.908	23.06	1.221	31.01	1.470	37.34	1.570	39.88		
__M06DSE__	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		
__M07DSE__	7	0.936	23.77	1.256	31.90	1.376	34.95	1.689	42.90	1.938	49.23	2.038	51.77		
__M08DSE__	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		
__M10DSE__	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		
__M11DSE__	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		
__M12DSE__	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		
__M15DSE__	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		
__M18DSE__	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		
__M22DSE__	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		
__M24DSE__	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		
__M25DSE__	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		
__M28DSE__	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	0.438	11.13
__M30DSE__	30	4.524	114.91	4.844	123.04	4.964	126.09	5.277	134.04	5.526	140.36	5.626	142.90	0.500	12.70
__M36DSE__	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
__M40DSE__	40	6.084	154.53	6.404	162.66	6.524	165.71	6.837	173.66	7.086	179.98	7.186	182.52	0.500	12.70
__M43DSE__	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		
__M44DSE__	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\_\_DSE\_\_S\_\_

**MATERIAL (INSULATOR/CONTACT)**

**E = BLUE PBT/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY

**R = GREEN PPS/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

**G = BLACK PA9T/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

**H = BLUE PBT/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY

**A = GREEN PPS/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

**J = BLACK PA9T/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS

**F = GREEN 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 MAX FOR 20 SECONDS  
(CONSULT FACTORY FOR SPECIAL SOLDERING GUIDELINES)

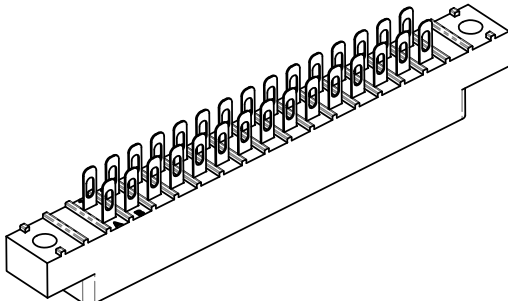
**MODIFICATION CODE**  
OMIT FOR STANDARD, EX: 'EBM22DSEH'  
S38 = BLACK PBT (MATERIAL CODES 'E' OR 'H' ONLY)  
S81 = GREEN PBT (MATERIAL CODES 'E' OR 'H' ONLY)  
S328 = BROWN PPS (MATERIAL CODES 'R', 'A', 'F', OR 'C' ONLY)  
S73 = BOARD INSERTION FORCE OF 8 OZ MAX  
S589 = EQUIVALENT TO STANDARD

**MOUNTING STYLE**  
H = .125" DIA. CLEARANCE HOLES  
I = #4-40 THREADED INSERT  
S = .125" DIA. SIDE MOUNTING  
N = NO MOUNTING EARS  
F = FLOATING BOBBIN  
D = FLUSH MOUNTING

**NUMBER OF POSITIONS**  
(CONTACTS PER ROW)

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

CONTACT SURFACE	TERMINATION
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
G = .000010" GOLD	.000005" GOLD
Y = .000030" GOLD	.000005" GOLD
**E = .000100" PURE TIN, MATTE, OVERALL	
S = .000010" GOLD OVERALL	.000010" GOLD OVERALL
M = .000030" GOLD	
** OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES 'E', 'R', OR 'G'	



CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN 5/29/2012	DATE JH	NAME
TOLERANCES: ANGULAR: ± 1° DECIMALS XX= ± .02 [.5] XXX= ± .005 [.13] XXXX= ± .0005 [.013]			
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.			
TITLE EDGE CARD, .156 CC, LP		PART NUMBER __M__DSE__ - (S38, S81, S328, S73, S589)	
SIZE C	CAGE CODE 54453	DWG. NO. C10872	REV H
SCALE: 2:1		SHEET 3 OF 3	

