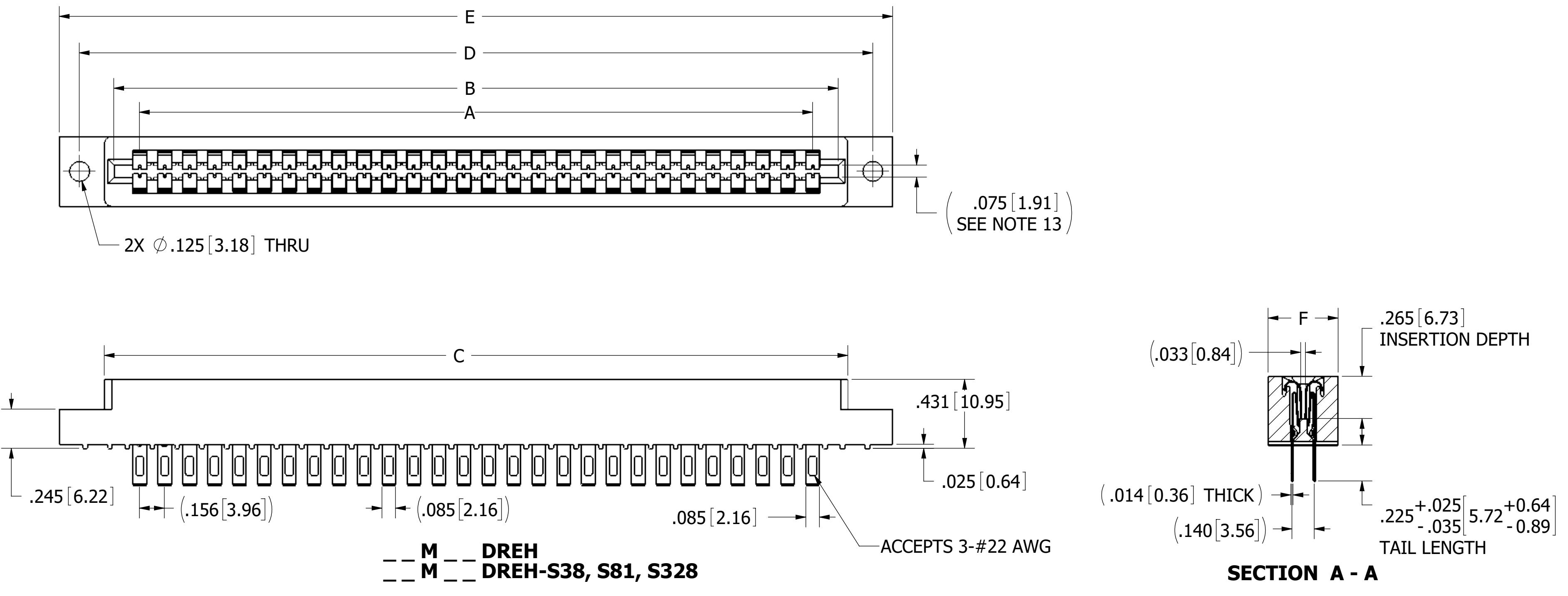
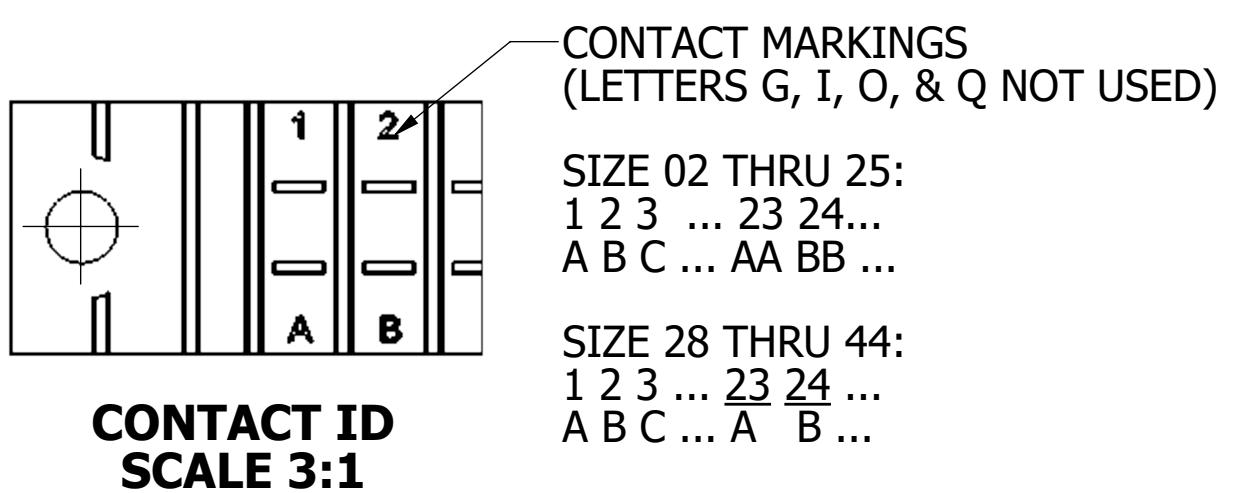


8	7	6	5	4	3	2	1
REVISIONS							
E	3145	CHANGE CONTACT GAP FROM .030 TO .033, UPDATE DWG FORMAT		2/11/2015	MG		
F	4133	UPDATE NOTE 8 (WAS 3A), REMOVE 'N' MOUNT ONLY IN DIM TABLE FOR POSI 2,3,4, ADD REF ROW SPACING		10/25/2019	JH		



NOTES:

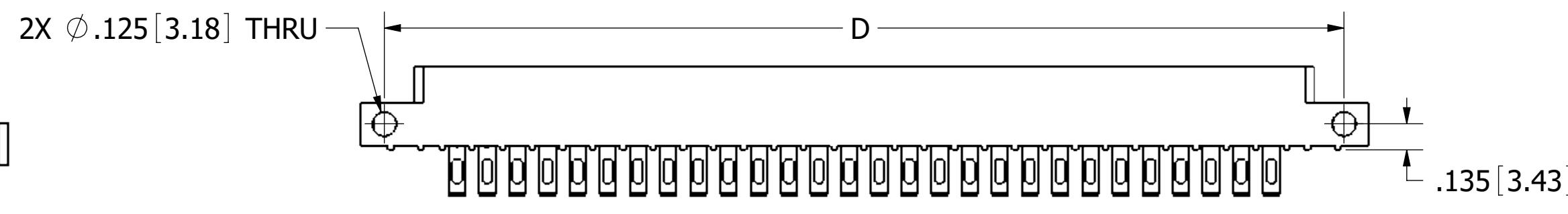
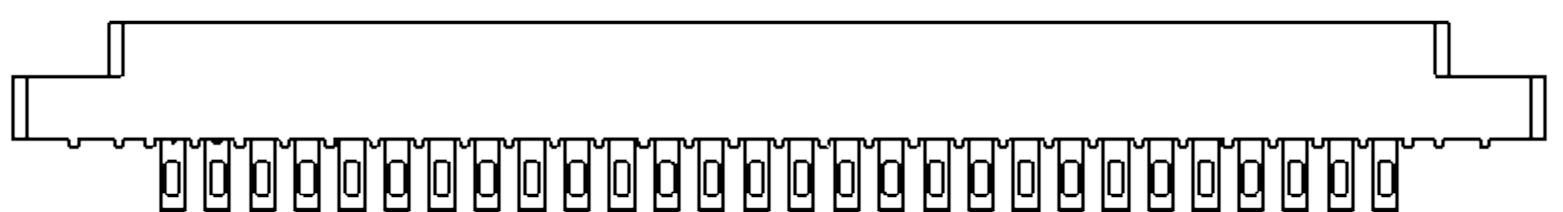
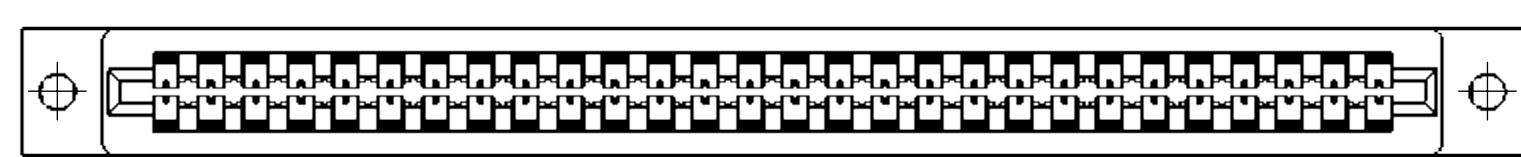
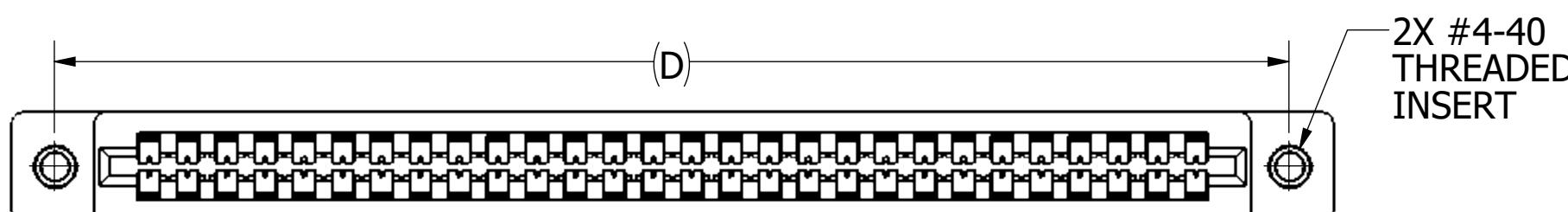
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 950 VAC
8. CURRENT RATING: 5 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: $.062 \pm .008$ [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 SULLIN'S 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



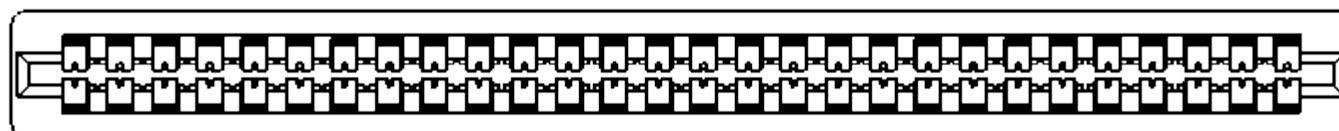
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME
		06/13/07	MNH
TOLERANCES: ANGULAR: $\pm 1^\circ$ DECIMALS $.XX = \pm .02$ [5] $.XXX = \pm .005$ [13] $XXXX = \pm .0005$ [013]			
SULLINS CONNECTOR SOLUTIONS			
TITLE: EDGE CARD, .156 CC LP			
PART NUMBER: (H, A, J, F, C, W) M _ DRE _ -(S38, S81, S328)			
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10942	F
SCALE: 2:1		SHEET 1 OF 3	

CUSTOMER COPY

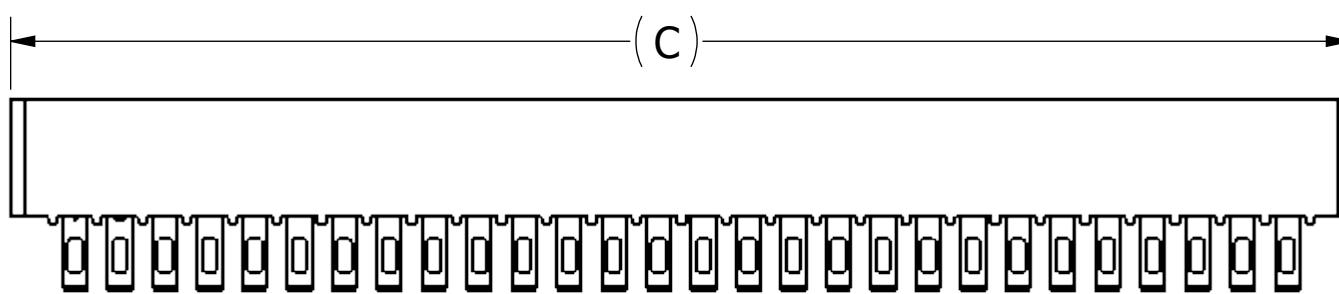
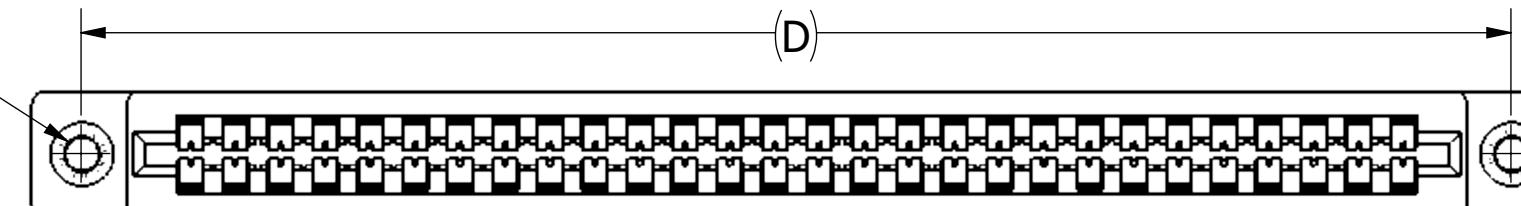
SULLINS
CONNECTOR SOLUTIONS



M DRES
M DRES-S38, S81, S328



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



M DREN
M DREN-S38, S81, S328



M DREF
M DREF-S38, S81, S328

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME
		06/13/07	MNH
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TOLERANCES: ANGULAR: $\pm 1^\circ$ DECIMALS $.XX = \pm .02 [5]$ $.XXX = \pm .005 [13]$ $XXXX = \pm .0005 [013]$			
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10942	F
SCALE: 1.5:1			
FILE NAME: C10942, (H,A,J,F,C,W) M DRE -(S38, S81, S328)			
SHEET 2 OF 3			

SULLINS
CONNECTOR SOLUTIONS

EDGE CARD, .156 CC LP

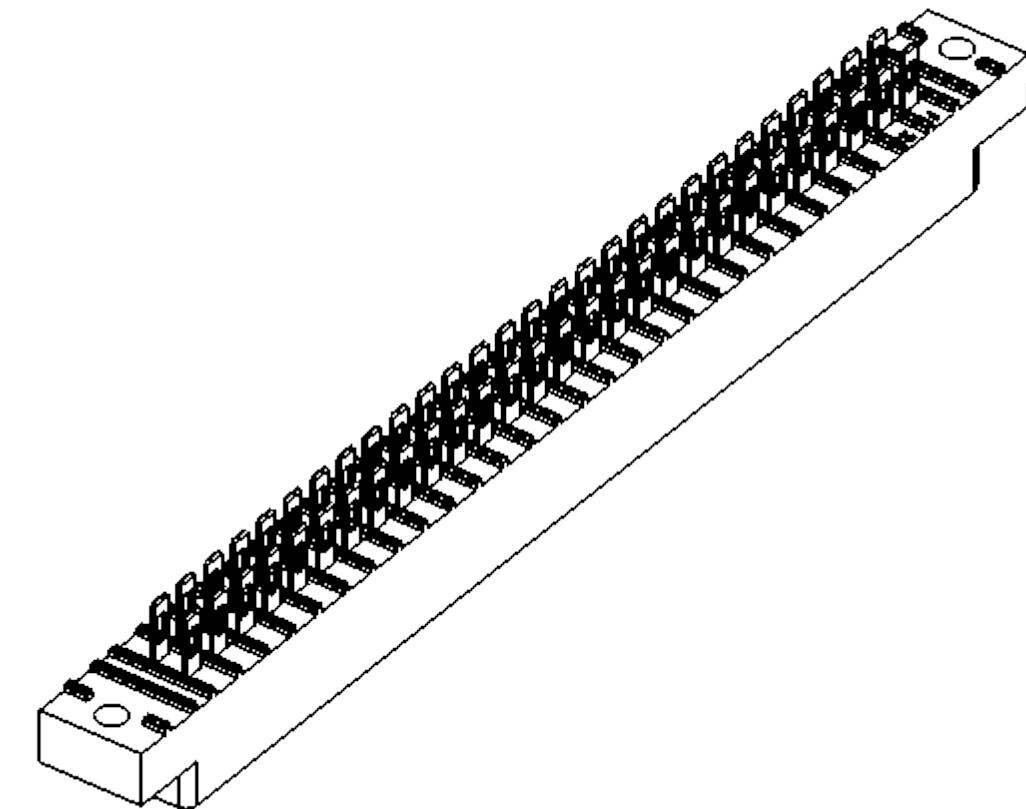
PART NUMBER
(H, A, J, F, C, W) M DRE -(S38, S81, S328)

SIZE CAGE CODE DWG. NO.

C 54453 C10942

SCALE: 1.5:1 SHEET 2 OF 3

PART NUMBER	NO. OF POS.	FOR 'T' & 'F' MOUNTING											
		A $\pm .008$ [0.20]		B $\pm .008$ [0.20]		C $\pm .015$ [0.38]		D $\pm .010$ [0.25]		E $\pm .020$ [0.51]		F $\pm .020$ [0.51]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
M02DRE_S	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
M03DRE_S	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
M04DRE_S	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
M06DRE_S	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
M07DRE_S	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
M08DRE_S	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
M10DRE_S	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
M11DRE_S	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
M12DRE_S	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
M15DRE_S	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
M18DRE_S	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
M22DRE_S	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
M24DRE_S	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
M25DRE_S	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
M28DRE_S	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
M36DRE_S	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
M43DRE_S	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
M44DRE_S	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 DRE -S

MATERIAL (INSULATOR/CONTACT)

H = BLUE PBT/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: WAVE/ MANUAL SOLDERING

A = GREEN PPS/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECS

J = BLACK PA9T/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C MAX FOR 20 SECS

F = GREEN PPS/SPINODAL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +200°C

PROCESSING TEMP: 260°C MAX FOR 20 SECS

(CONSULT FACTORY FOR SPECIAL SOLDERING DIRECTIONS)

C = GREEN PPS/BERYLLIUM NICKEL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +200°C

PROCESSING TEMP: 260°C MAX FOR 20 SECS

W = TAN PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +250°C

PROCESSING TEMP: 260°C MAX FOR 20 SECS

AVAILABLE IN OVERALL GOLD PLATING (M PLATING CODE ONLY)

MODIFICATION CODE

OMIT FOR STANDARD, EX: 'HSM22DREH'

S38 = BLACK PBT (MATERIAL CODE H ONLY)

S81 = GREEN PBT (MATERIAL CODE H ONLY)

S328 = BROWN PPS (MATERIAL CODE A, F, C)

MOUNTING STYLE

H = .125" DIA. CLEARANCE HOLES

I = #4-40 THREADED INSERT

S = .125" DIA. SIDE MOUNTING

N = NO MOUNTING EARS

F = FLOATING BOBBIN

NUMBER OF POSITIONS (CONTACTS PER ROW)

PLATING

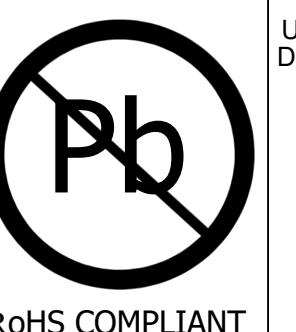
ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE TERMINATION

S = .000010" GOLD OVERALL

M = .000030" GOLD .000010" GOLD OVERALL

CUSTOMER COPY



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	06/13/07	MNH	
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TITLE: EDGE CARD, .156 CC LP			
PART NUMBER: (H, A, J, F, C, W) M _ _ DRE _ -(S38, S81, S328)			
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10942	F
SCALE: 2:1		SHEET 3 OF 3	