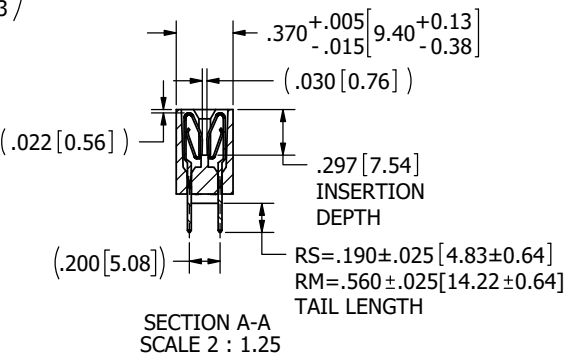
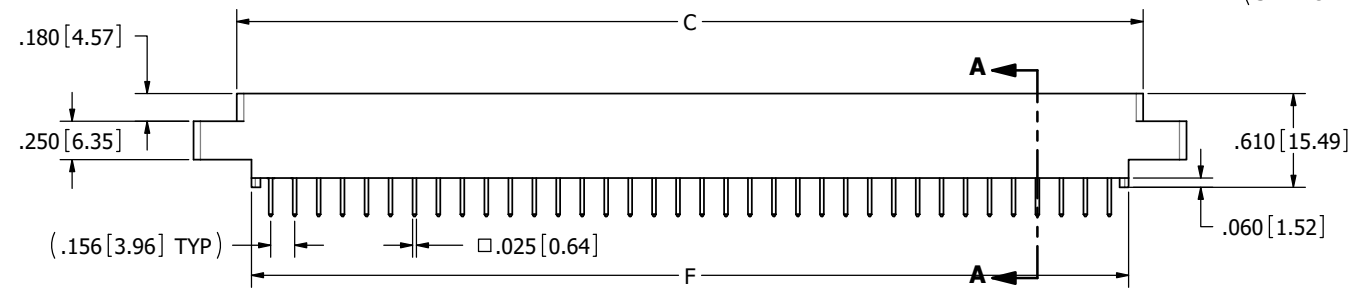
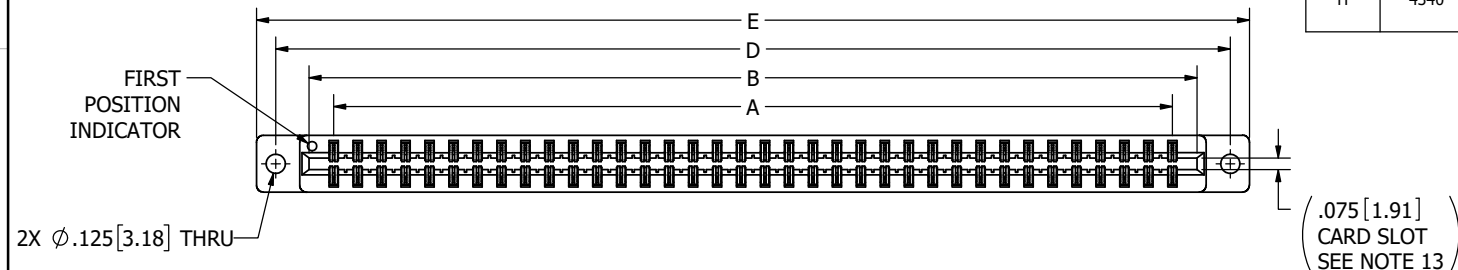
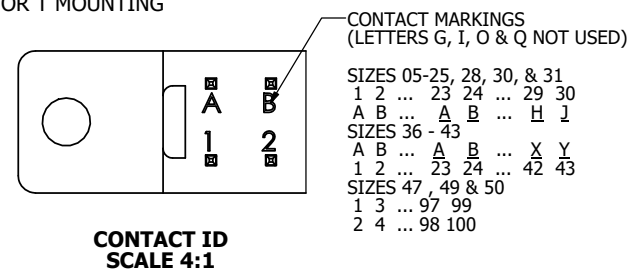
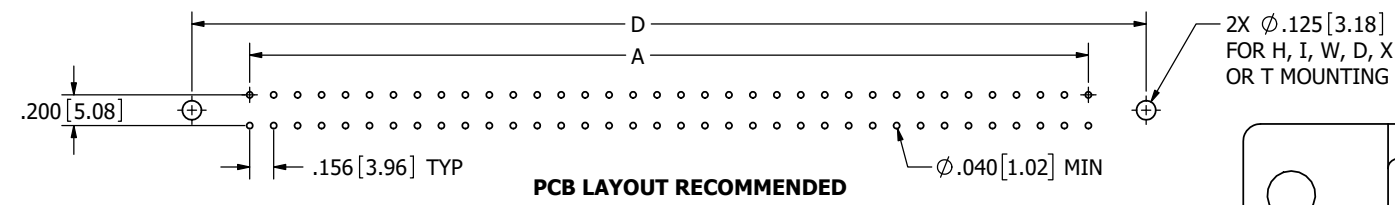


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
E	4061	ADD POS 05 TO DIM TABLE (#108952), ADD KEY OPTION (#161662)	6/5/2019	JH
F	4330	ADD MODIFICATION NUMBER TABLE ON PAGE 4 & UPDATE P/N CODING FOR BROWN PPS/BLACK PBT WITH MOLDED KEY	2/25/2021	JH
H	4340	REMOVE PAGE 4 KEY TABLE FOR BROWN PPS/BLACK PBT & REF TO C14008 ON P/N CODING	3/31/2023	JH



--- M --- DRMH
--- M --- DRSH

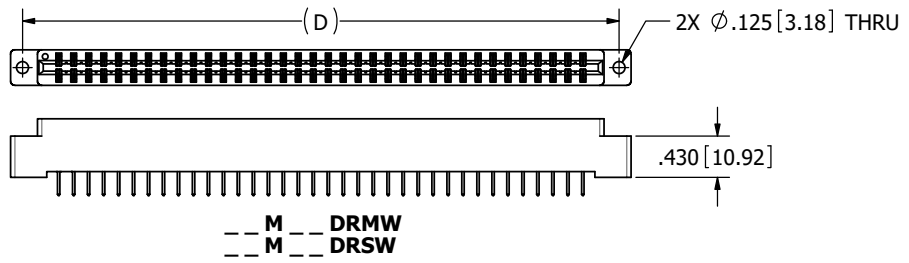
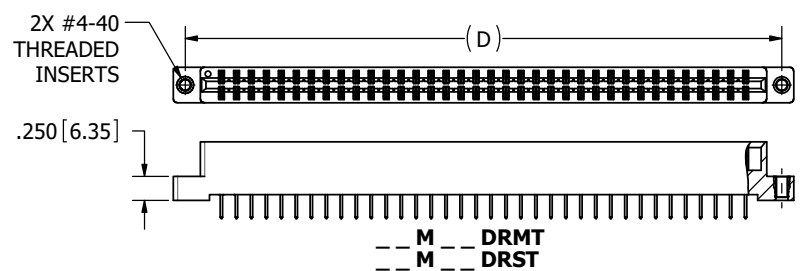
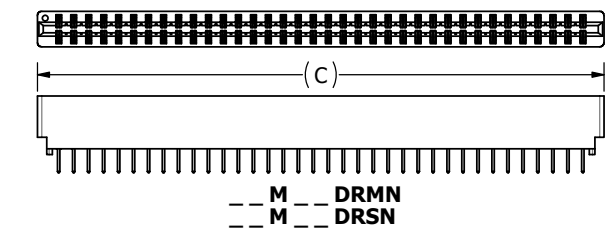
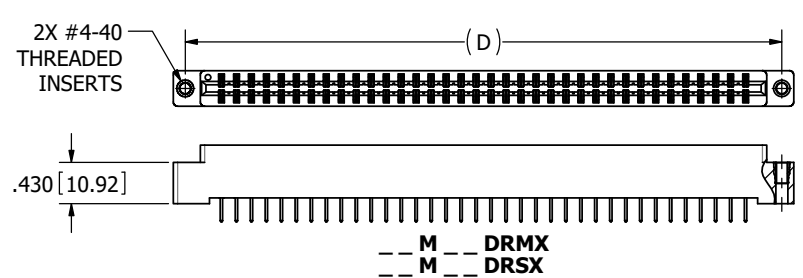
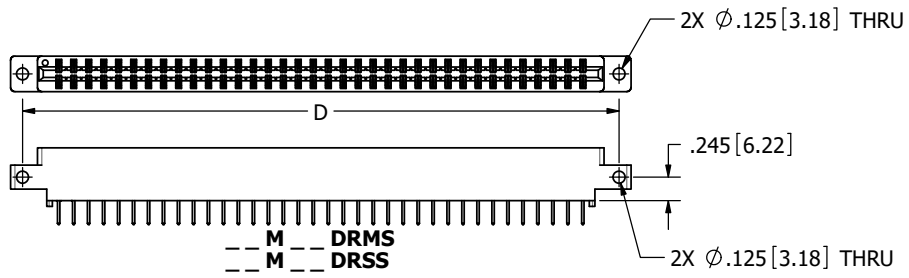
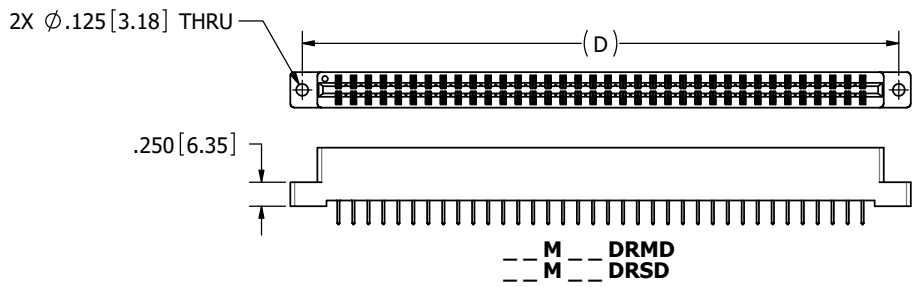
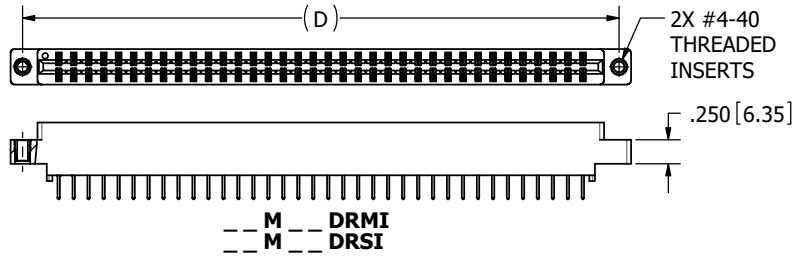


- NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
 2. CONTACT MATERIAL: SEE PART NUMBER CODING
 3. PLATING: SEE PART NUMBER CODING
 4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
 5. PROCESSING TEMP: SEE PART NUMBER CODING
 6. UL FLAMMABILITY RATING: 94V-0
 7. OPERATING VOLTAGE: 950 VAC
 8. CURRENT RATING: 3 AMP
 9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
 10. INSULATION RESISTANCE: 5000 MEGA OHMS
 11. DURABILITY: 500 CYCLES MINIMUM
 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] TEST BLADE
 16. MODIFICATION: SEE PART NUMBER CODING



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME									
TOLERANCES:		10/3/07	VJ										
ANGULAR: ± 1°		<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								
DECIMALS XX= ± .02 [5] XXX= ± .005 [13] XXXX= ± .0005 [013]					PART NUMBER								
		<table border="1"> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td>C</td> <td>54453</td> <td></td> <td>H</td> </tr> </table>			SIZE	CAGE CODE	DWG. NO.	REV	C	54453		H	EDGECARD, .156 CC, HP
SIZE	CAGE CODE	DWG. NO.	REV										
C	54453		H										
		SCALE: 2:1			SHEET 1 OF 3								

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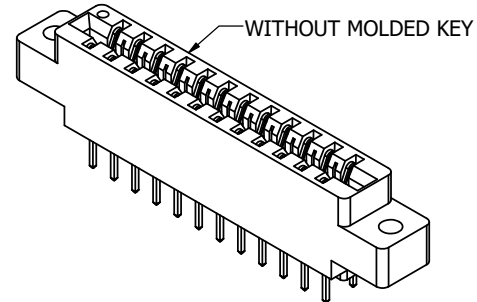
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR: ± 1°
DECIMALS
.XX = ± .02 [5]
.XXX = ± .005 [13]
.XXXX = ± .0005 [013]

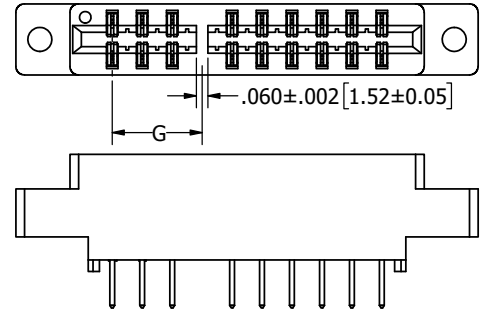
DRAWN	DATE	NAME
	10/3/07	VJ
<small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small>		

SULLINS CONNECTOR SOLUTIONS			
TITLE EDGE CARD, .156 CC, HP			
PART NUMBER M --- D(RS, RM) (-S38, -S81, -S328)			
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10976	H
SCALE: 1:1			SHEET 2 OF 3

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
M05D(RS, RM)	5	0.624	0.946	1.065	1.378	1.628	0.874	15.85	24.03	27.05	35.00	41.35	22.20
M06D(RS, RM)	6	0.780	1.102	1.221	1.534	1.784	1.030	19.81	27.99	31.01	38.96	45.31	26.16
M08D(RS, RM)	8	1.092	1.414	1.533	1.846	2.096	1.342	27.74	35.92	38.94	46.89	53.24	34.09
M10D(RS, RM)	10	1.404	1.726	1.845	2.158	2.408	1.654	35.66	43.84	46.86	54.81	61.16	42.01
M12D(RS, RM)	12	1.716	2.038	2.157	2.470	2.720	1.966	43.59	51.77	54.79	62.74	69.09	49.94
M15D(RS, RM)	15	2.184	2.506	2.625	2.938	3.188	2.434	55.47	63.65	66.68	74.63	80.98	61.82
M18D(RS, RM)	18	2.652	2.974	3.093	3.406	3.656	2.902	67.36	75.54	78.56	86.51	92.86	73.71
M20D(RS, RM)	20	2.964	3.286	3.405	3.718	3.968	3.214	75.29	83.46	86.49	94.44	100.79	81.64
M22D(RS, RM)	22	3.276	3.598	3.717	4.030	4.280	3.526	83.21	91.39	94.41	102.36	108.71	89.56
M24D(RS, RM)	24	3.588	3.910	4.029	4.342	4.592	3.838	91.14	99.31	102.34	110.29	116.64	97.49
M25D(RS, RM)	25	3.744	4.066	4.185	4.498	4.748	3.994	95.10	103.28	106.30	114.25	120.60	101.45
M28D(RS, RM)	28	4.212	4.534	4.653	4.966	5.216	4.462	106.98	115.16	118.19	126.14	132.49	113.33
M30D(RS, RM)	30	4.524	4.846	4.965	5.278	5.528	4.774	114.91	123.09	126.11	134.06	140.41	121.26
M31D(RS, RM)	31	4.680	5.002	5.121	5.434	5.684	4.930	118.87	127.05	130.07	138.02	144.37	125.22
M36D(RS, RM)	36	5.460	5.782	5.901	6.214	6.464	5.710	138.68	146.86	149.89	157.84	164.19	145.03
M40D(RS, RM)	40	6.084	6.406	6.525	6.838	7.088	6.334	154.53	162.71	165.74	173.69	180.04	160.88
M43D(RS, RM)	43	6.552	6.874	6.993	7.306	7.556	6.802	166.42	174.60	177.62	185.57	191.92	172.77
M47D(RS, RM)	47	7.176	7.498	7.617	7.930	8.180	7.426	182.27	190.45	193.47	201.42	207.77	188.62
M49D(RS, RM)	49	7.488	7.810	7.929	8.242	8.492	7.738	190.20	198.37	201.40	209.35	215.70	196.55
M50D(RS, RM)	50	7.644	7.966	8.085	8.398	8.648	7.894	194.16	202.34	205.36	213.31	219.66	200.51

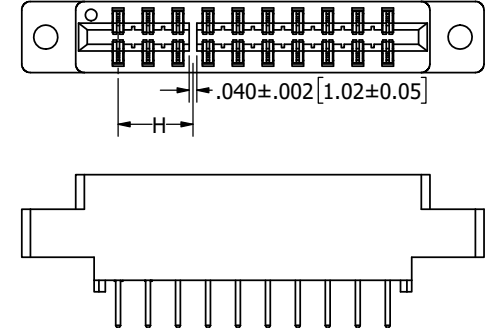


KEY IN POSITION



('H' MOUNTING AS SHOWN FOR EXAMPLE)

KEY BETWEEN POSITIONS



('H' MOUNTING AS SHOWN FOR EXAMPLE)

PART NUMBER CODING



- MATERIALS (INSULATOR / CONTACT)**
- E = BLUE PBT/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL SOLDERING
 - R = GREEN PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS
 - G = BLACK PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS
 - 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
 - T = GREEN PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +175°C
PROCESSING TEMP: 260°C MAX FOR 20 SECS
- MODIFICATION CODE**
- OMIT FOR STANDARD COLOR INSULATOR WITHOUT MOLDED KEY, EX: EBM22DR5N
 - S38 = BLACK PBT (MATERIAL CODE E ONLY), WITHOUT MOLDED KEY
 - S81 = GREEN PBT (MATERIAL CODE E ONLY), WITHOUT MOLDED KEY
 - S328 = BROWN PPS (MATERIAL CODE R AND A ONLY), WITHOUT MOLDED KEY
 - SEE DRAWING C13556 FOR S#, G & H DIMENSIONS FOR STANDARD COLOR WITH MOLDED KEY
 - SEE DRAWING C14008 FOR S#, G & H DIMENSIONS FOR BROWN PPS OR BLACK PBT WITH MOLDED KEY
- MOUNTING STYLE**
- H = .125" DIAMETER CLEARANCE HOLES
 - I = #4-40 THREADED INSERT
 - S = .125" DIAMETER SIDE MOUNTING
 - N = NO MOUNTING EARS
 - W = .430" EARS, FLUSH MOUNTING, .125" DIAMETER
 - D = .250" EARS, FLUSH MOUNTING, .125" DIAMETER
 - X = .430" EARS, FLUSH MOUNTING WITH # 4-40 THREADED INSERT
 - T = .250" EARS, FLUSH MOUNTING WITH # 4-40 THREADED INSERT
- TERMINATION TYPE**
- RS = .190" TAIL LENGTH
 - RM = .560" TAIL LENGTH (SEE SECTION A-A ON SHT1)
- 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 |
| S = .000010" GOLD | .000010" GOLD OVERALL |
| M = .000030" GOLD | .000010" GOLD OVERALL |
| E = .000100" PURE TIN, MATTE | .000100" PURE TIN, MATTE, OVERALL |
| OVERALL PURE TIN ONLY AVAILABLE ON MATERIAL CODES E, R AND G | |



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME	
			10/3/07	VJ	
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 EDGECARD, .156 CC, HP					
PART NUMBER M _ D(RS, RM) _ (-S38, -S81, -S328)					SCALE: 2:1 SHEET 3 OF 3
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453			H	