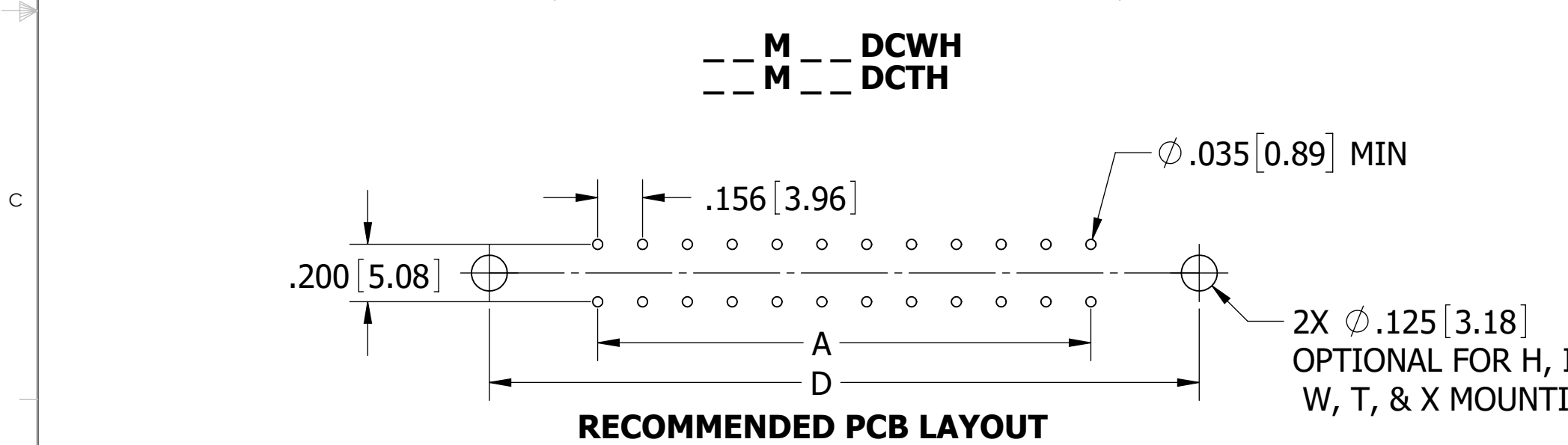
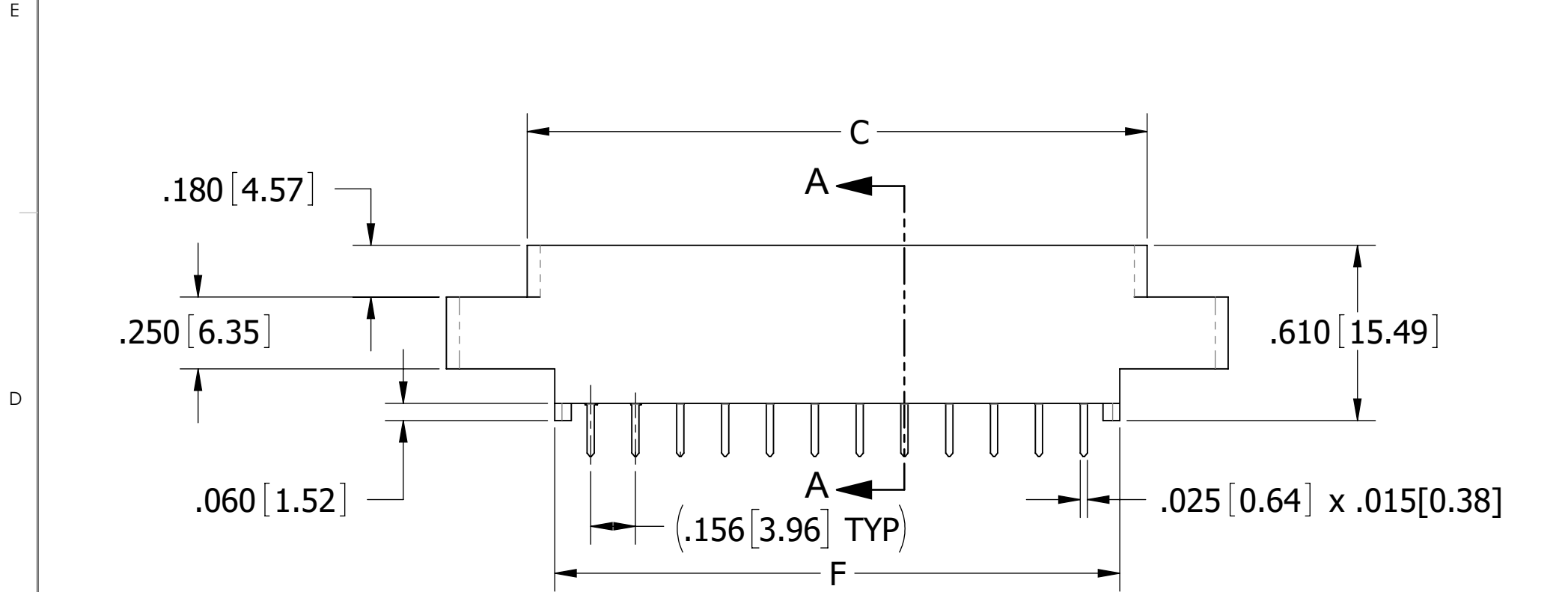
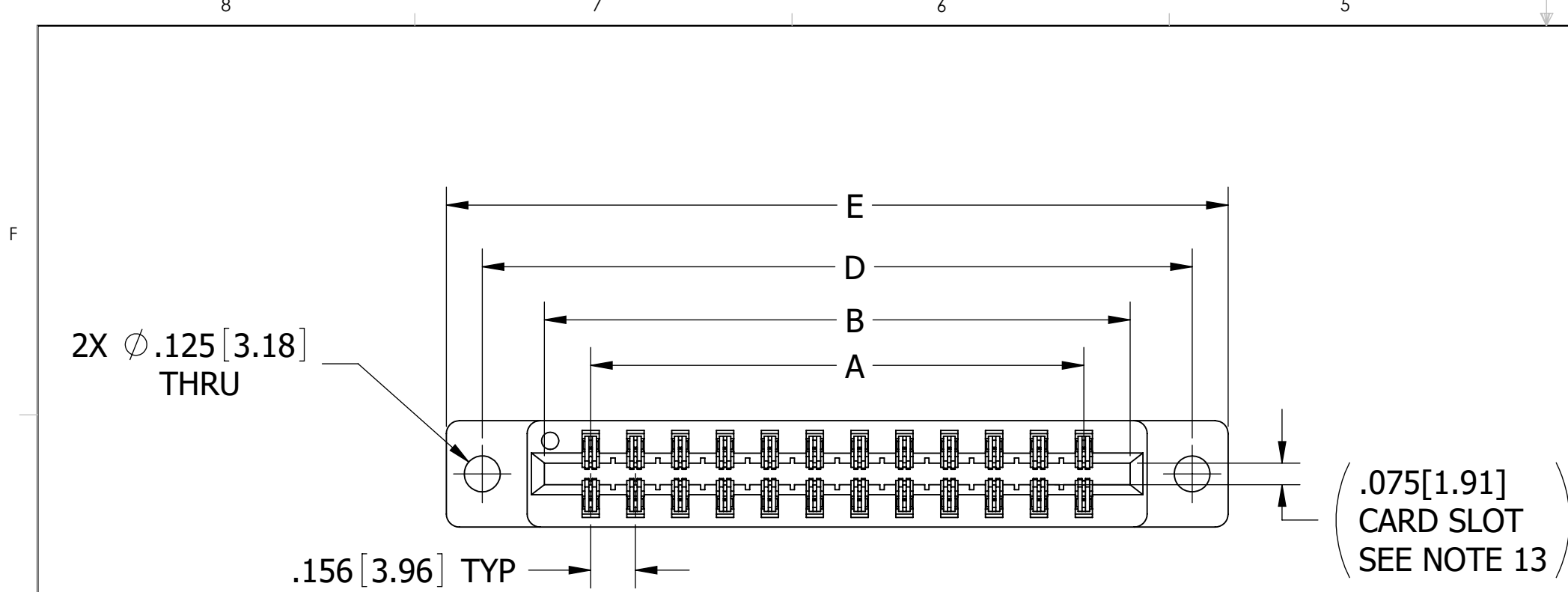
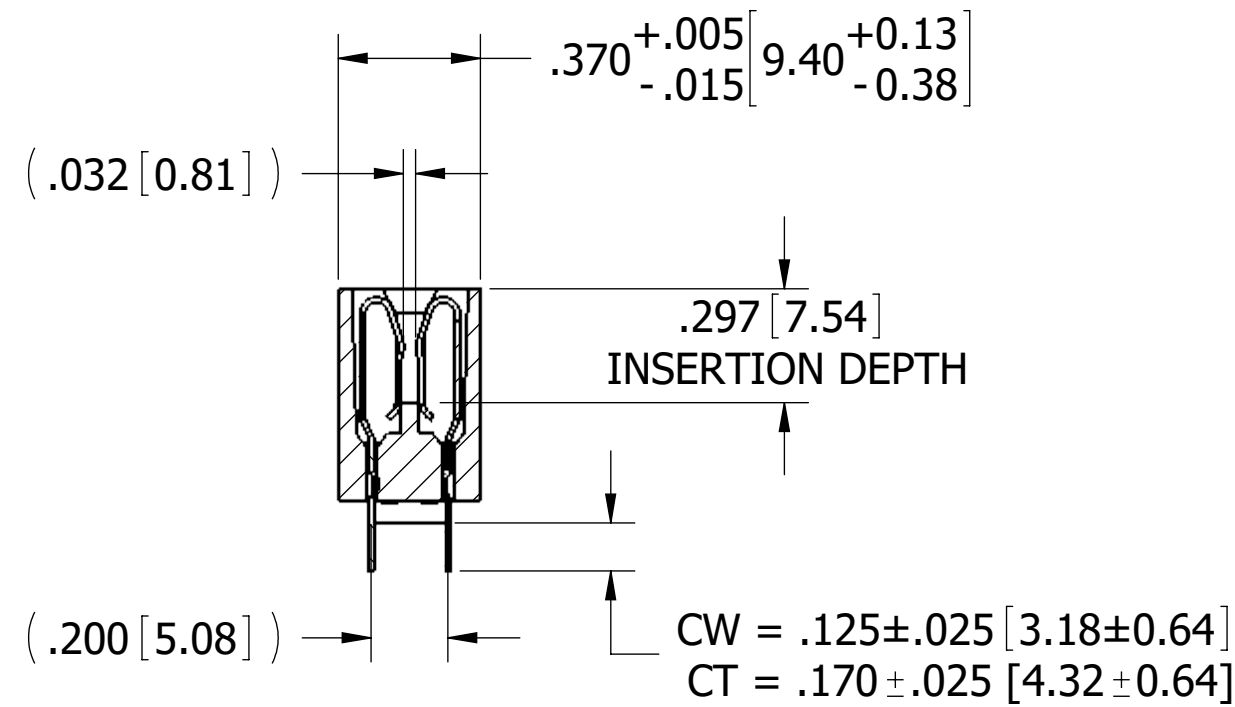




- NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
 2. CONTACT MATERIAL: SEE PART NUMBER CODING
 3. PLATING: SEE PART NUMBER CODING
 4. TEMPERATURE: SEE PART NUMBER CODING
 5. PROCESSING TEMP: SEE PART NUMBER CODING
 6. UL FLAMMABILITY RATING: 94V-0
 7. OPERATING VOLTAGE: 950 VAC
 8. CURRENT RATING: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

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
C	3527	ADD POLARIZED KEY SLOTS, UPDATE SHEET FORMAT, UPDATE PART NUMBER FORMAT	9/19/2016	EP
D	4295	ADD S38, S81, S328	12/7/2020	JH



SECTION A-A

CONTACT ID SCALE 4:1

CONTACT IDs:
(LETTERS G, I, O & Q NOTE USED)

SIZES 06 THRU 25 & 30:
1 2 ... 23 24...29 30
A B ... A B ... H J

SIZES 28 & 31:
1 2 ... 23 24... 30 31
A B ... A B ... J K

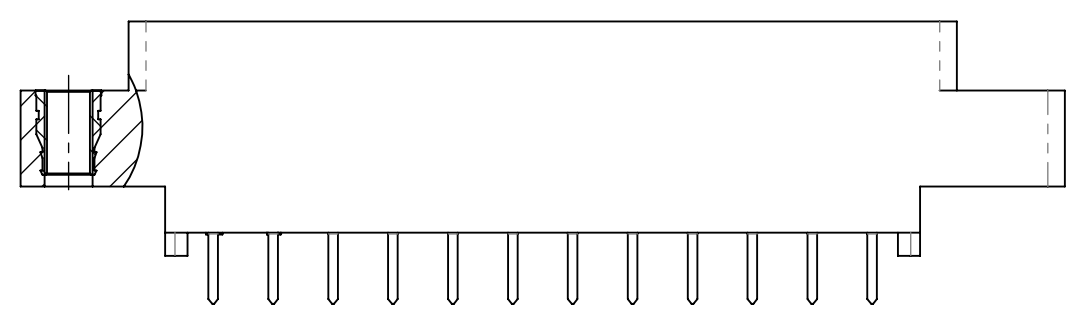
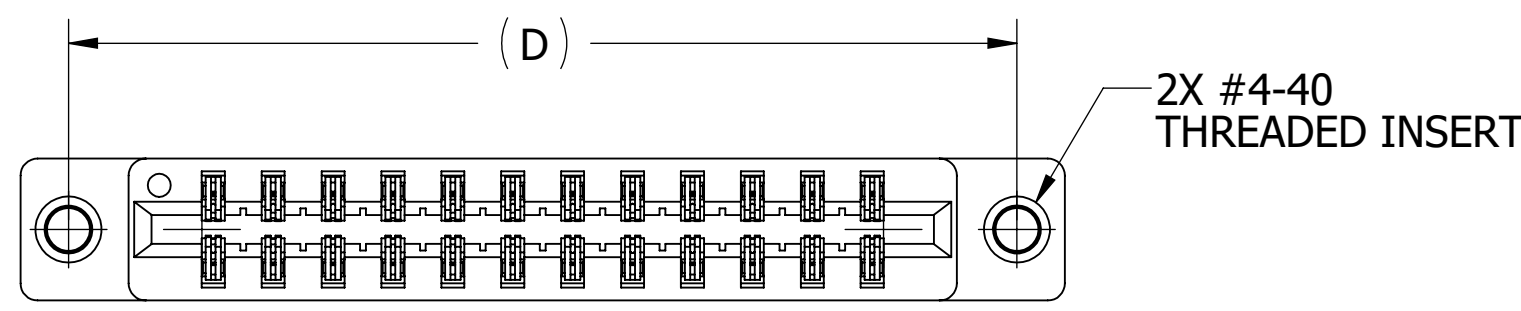
SIZES 36 THRU 43:
A B ... A B ... X Y
1 2 ... 23 24...42 43

SIZES 47 & 50:
1 3 ... 97 99
2 4 ... 98 100

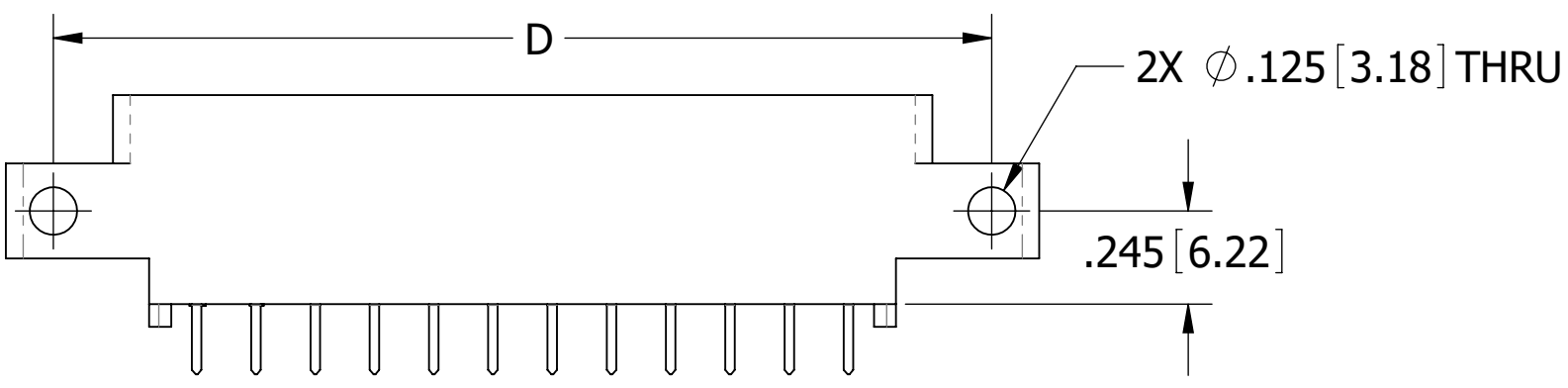
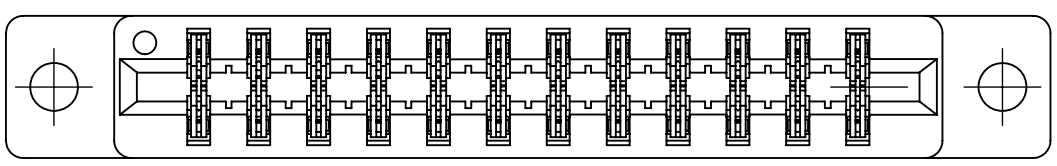
CUSTOMER COPY



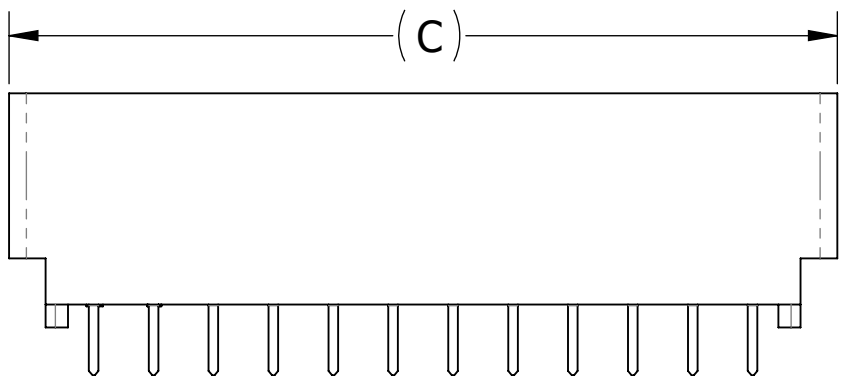
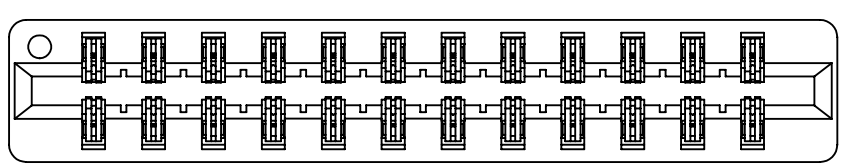
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]			01/26/11	EB		
		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED 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 (CW,CT) _ (S38, S81, S328)	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	C11646	D	
		SCALE: 1:1		SHEET 1 OF 3		



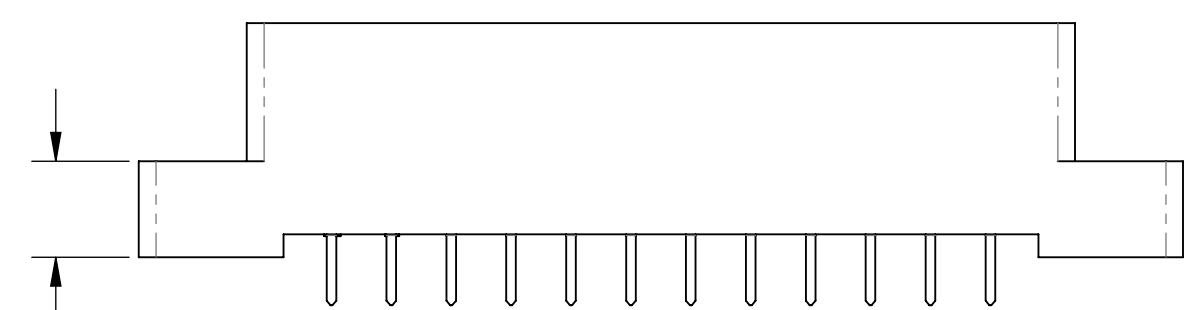
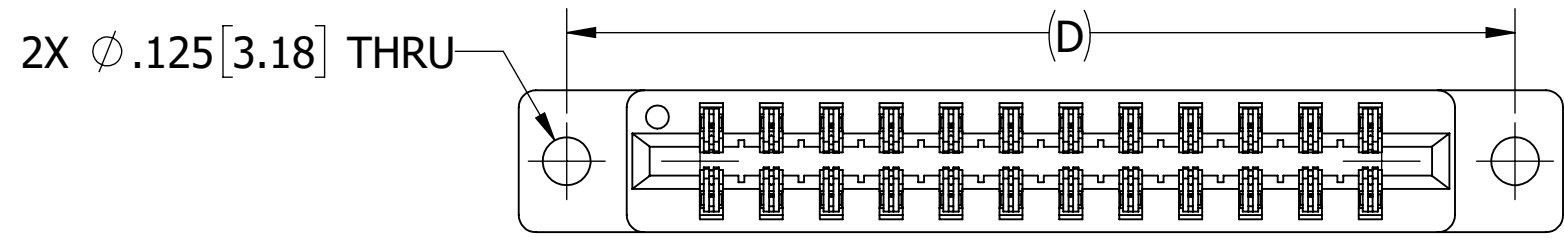
-- M -- DCWI
-- M -- DCTI



-- M -- DCWS
-- M -- DCTS

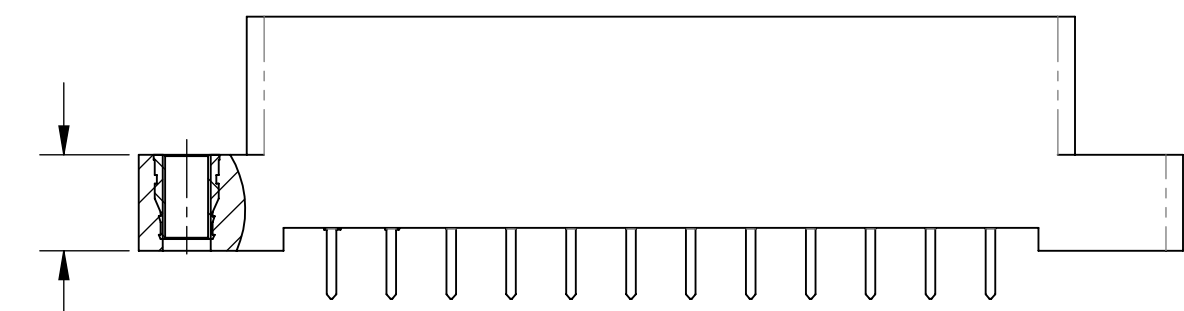
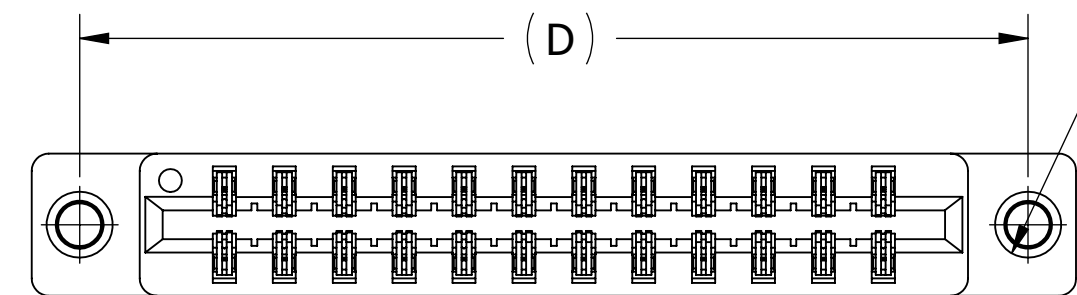


-- M -- DCWN
-- M -- DCTN



D = .250 [6.35]
W = .430 [10.92]

-- M -- DCWD
-- M -- DCWW
-- M -- DCTD
-- M -- DCTW



T = .250 [6.35]
X = .430 [10.92]

-- M -- DCWT
-- M -- DCWX
-- M -- DCTT
-- M -- DCTX

CUSTOMER COPY



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
			01/26/11	EB		
TOLERANCES: ANGULAR: $\pm 1^\circ$ DECIMALS .XX = $\pm .02$ [.5] .XXX = $\pm .005$ [.13] .XXXX = $\pm .0005$ [.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, HP	
					PART NUMBER -- M _ D(CW,CT) _ (S38, S81, S328)	
			SIZE	CAGE CODE	DWG. NO.	REV
			C	54453	C11646	D
SCALE: 2:1		SHEET 2 OF 3				

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]		F ± .015[0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
M06D(CW,CT) -S	6	0.780	19.81	1.102	27.99	1.221	31.01	1.534	38.96	1.784	45.31	1.030	26.16
M08D(CW,CT) -S	8	1.092	27.74	1.414	35.92	1.533	38.94	1.846	46.89	2.096	53.24	1.342	34.09
M10D(CW,CT) -S	10	1.404	35.66	1.726	43.84	1.845	46.86	2.158	54.81	2.408	61.16	1.654	42.01
M12D(CW,CT) -S	12	1.716	43.59	2.038	51.77	2.157	54.79	2.470	62.74	2.720	69.09	1.966	49.94
M15D(CW,CT) -S	15	2.184	55.47	2.506	63.65	2.625	66.68	2.938	74.63	3.188	80.98	2.434	61.82
M18D(CW,CT) -S	18	2.652	67.36	2.974	75.54	3.093	78.56	3.406	86.51	3.656	92.86	2.902	73.71
M20D(CW,CT) -S	20	2.964	75.30	3.286	83.47	3.405	86.50	3.718	94.45	3.968	100.80	3.214	81.65
M22D(CW,CT) -S	22	3.276	83.21	3.598	91.39	3.717	94.41	4.030	102.36	4.280	108.71	3.526	89.56
M24D(CW,CT) -S	24	3.588	91.14	3.910	99.31	4.029	102.34	4.342	110.29	4.592	116.64	3.838	97.49
M25D(CW,CT) -S	25	3.744	95.10	4.066	103.28	4.185	106.30	4.498	114.25	4.748	120.60	3.994	101.45
M28D(CW,CT) -S	28	4.212	106.98	4.534	115.16	4.653	118.19	4.966	126.14	5.216	132.49	4.462	113.33
M30D(CW,CT) -S	30	4.524	114.91	4.846	123.09	4.965	126.11	5.278	134.06	5.528	140.41	4.774	121.26
M31D(CW,CT) -S	31	4.680	118.87	5.002	127.05	5.121	130.07	5.434	138.02	5.684	144.37	4.930	125.22
M36D(CW,CT) -S	36	5.460	138.68	5.782	146.86	5.901	149.89	6.214	157.84	6.464	164.19	5.710	145.03
M40D(CW,CT) -S	40	6.084	154.53	6.406	162.71	6.525	165.74	6.838	173.69	7.088	180.04	6.334	160.88
M43D(CW,CT) -S	43	6.552	166.42	6.874	174.60	6.993	177.62	7.306	185.57	7.556	191.92	6.802	172.77
M47D(CW,CT) -S	47	7.176	182.27	7.498	190.45	7.617	193.47	7.930	201.42	8.180	207.77	7.426	188.62
M50D(CW,CT) -S	50	7.644	194.16	7.966	202.34	8.085	205.36	8.398	213.31	8.648	219.66	7.894	200.51

PART NUMBER

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 SEC

G = BLACK PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SEC

MODIFICATION

OMIT FOR STANDARD, EX: EBC15DCWH
S38 = BLACK PBT (MATERIAL CODE E ONLY)
S81 = GREEN PBT (MATERIAL CODE E ONLY)
S328 = BROWN PPS (MATERIAL CODE R ONLY)

MOUNTING STYLE

H = .125 DIAMETER CLEARANCE HOLES
I = #4-40 THREADED INSERT
S = .125 DIAMETER SIDE MOUNTING
N = NO MOUNTING EARS
D = .250" EARS, FLUSH MOUNTING, .125" DIAMETER
W = .430" EARS, FLUSH MOUNTING, .125" DIAMETER
T = .250" EARS, FLUSH MOUNTING WITH THREADED INSERT
X = .430" EARS, FLUSH MOUNTING WITH THREADED INSERT

TERMINATION TYPE (LENGTH)

CW = .125" (SEE SECTION A-A FOR DETAILS)
CT = .170" (SEE SECTION A-A FOR DETAILS)

NUMBER OF POSITIONS
(CONTACTS PER ROW)

PLATING

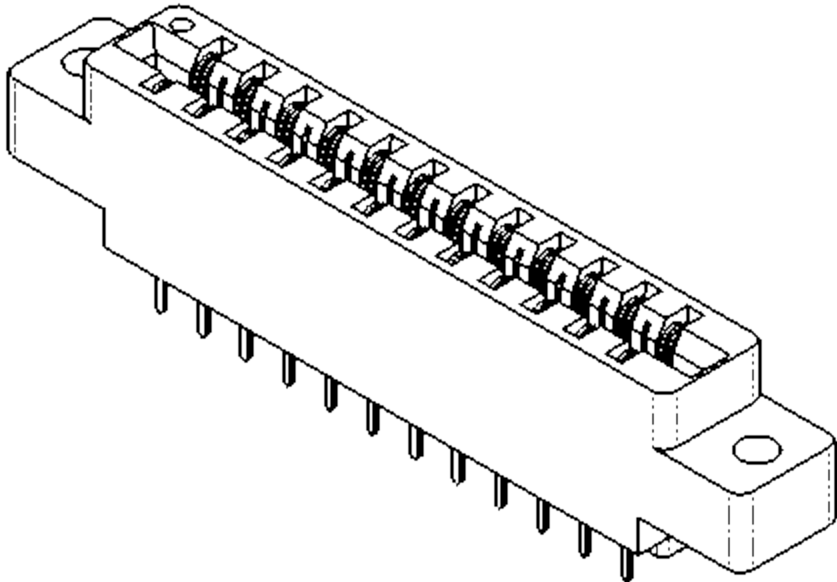
ALL PLATINGS ARE LEAD FREE & HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE TERMINATION

B = .000010" GOLD .000100" PURE TIN, MATTE
C = .000030" GOLD .000100" PURE TIN, MATTE



RoHS COMPLIANT



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
			01/26/11	EB		
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(CW,CT) _ -(S38, S81, S328)	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	C11646	D	
SCALE: 2:1		SHEET 3 OF 3				