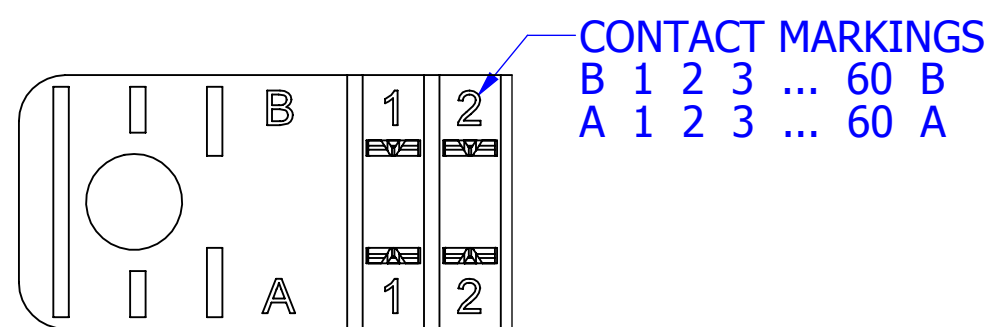
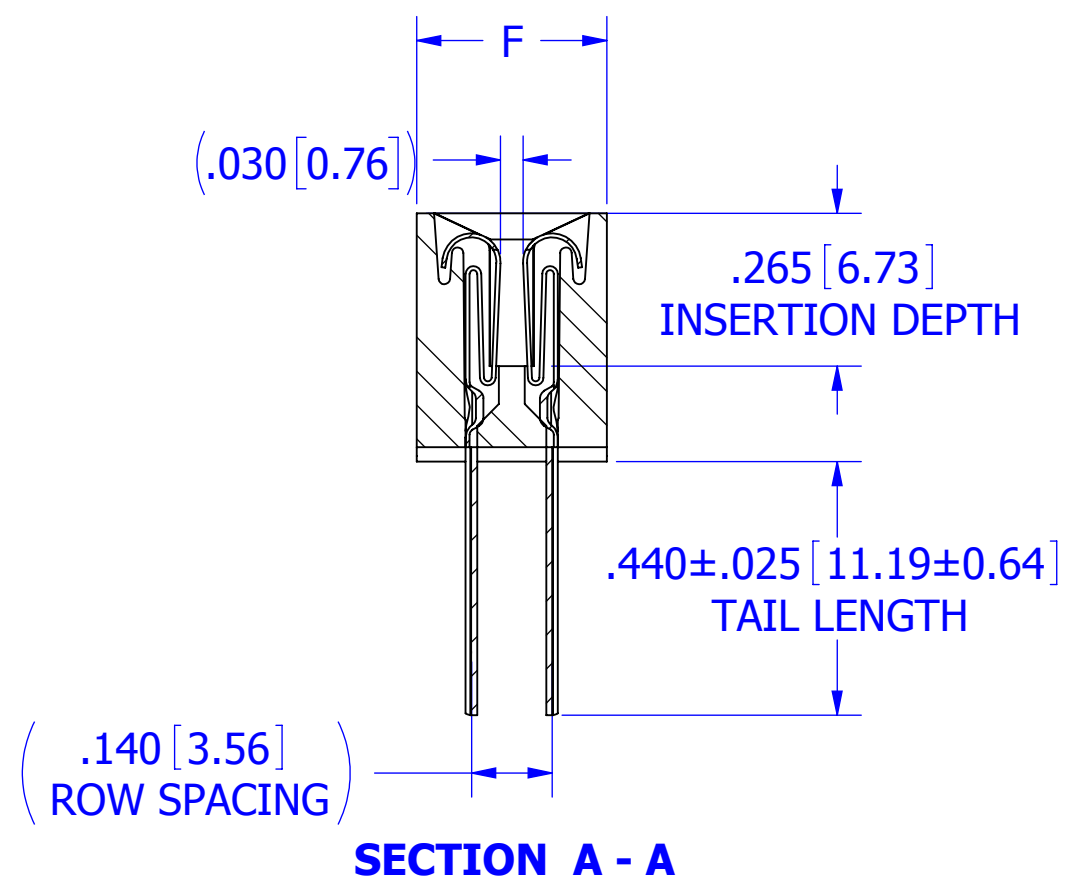
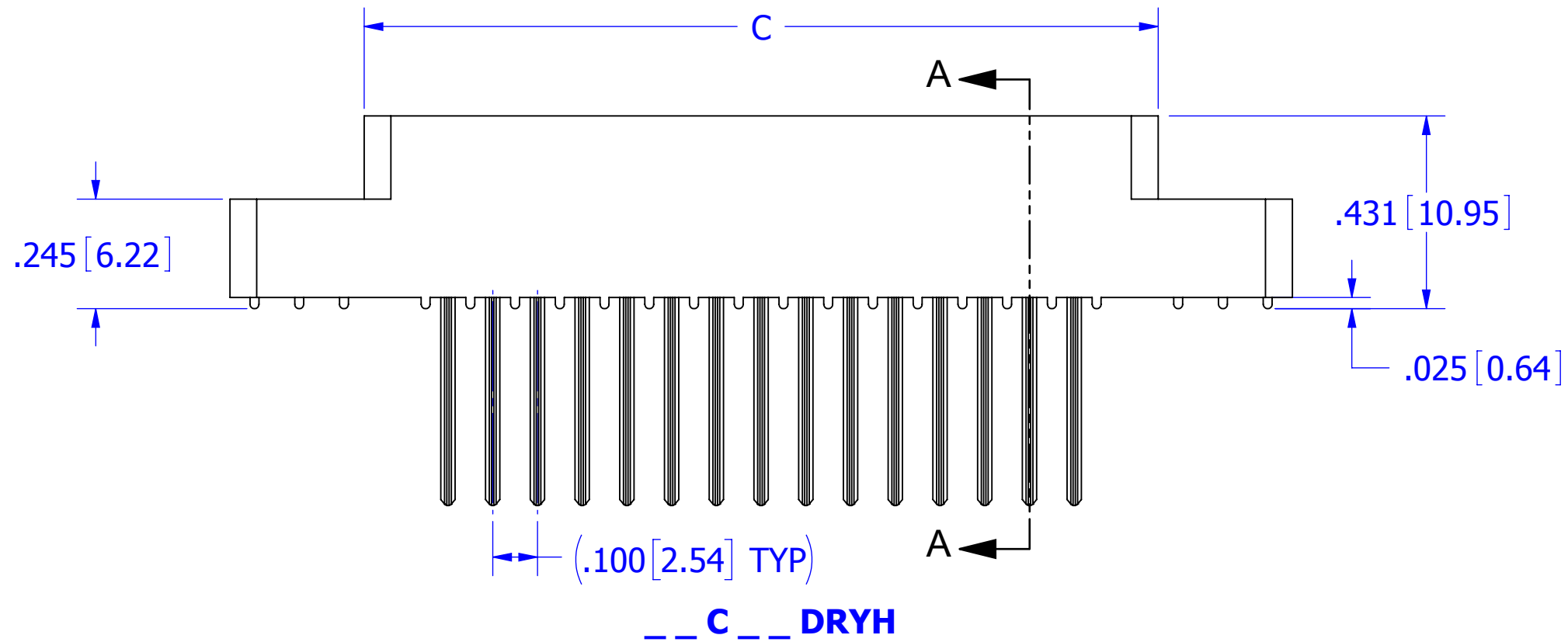
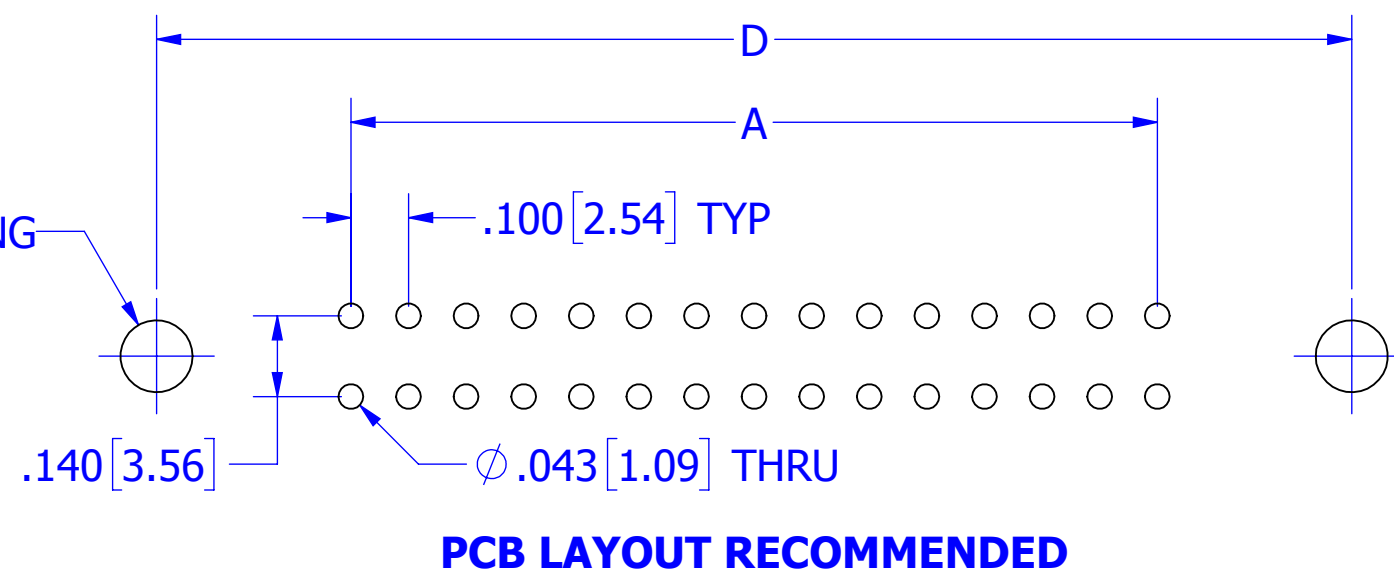
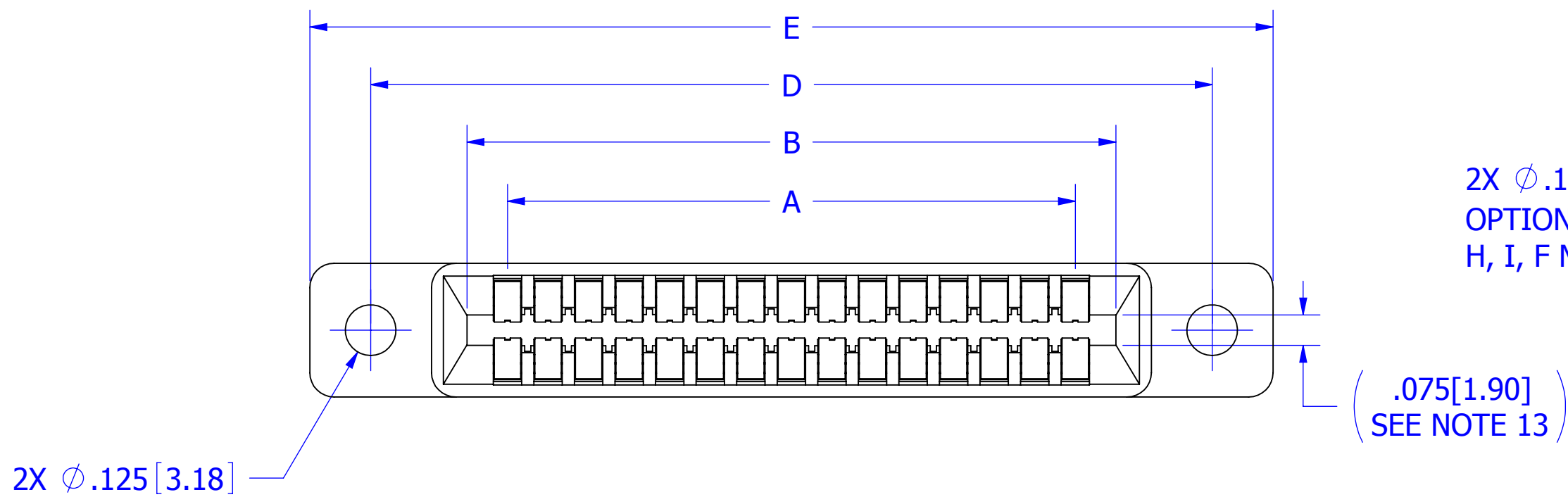


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1255	INITIAL RELEASE	1/24/2007	MNH
B	2899	ADDED PCB LAYOUT RECOMMENDED ON CUSTOMER DWG, ADDED 'B' MOUNTING OPTION	1/20/2014	JHSU
C	3136	ADD S38, S81, AND S328 MODIFICATION OPTIONS	1/16/2015	JHSU
D	4021	ADD KEY OPTION	3/28/2019	JH



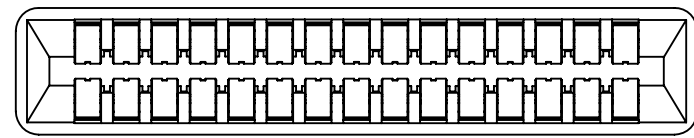
**CONTACT ID**  
SCALE 4 : 1

- 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: 700 VAC MINIMUM AT SEA LEVEL
  8. CURRENT RATING: 3 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 WI7.3-01
  15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] PCB
  16. MODIFICATION: SEE PART NUMBER CODING

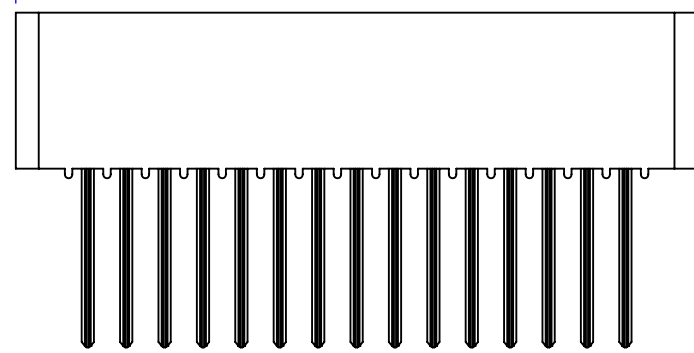


**CUSTOMER COPY**

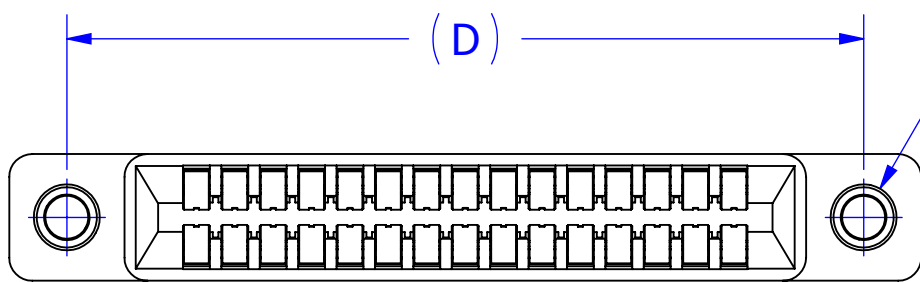
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
TOLERANCES:			1/20/2014	JHSU		
ANGULAR: ± 1°		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE	
DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]					EDGE CARD, .100 CC LP	
					PART NUMBER	
					C_DRY_ (-S38, S81, S328)	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	C10879	D	
		SCALE: 3:1		SHEET 1 OF 3		



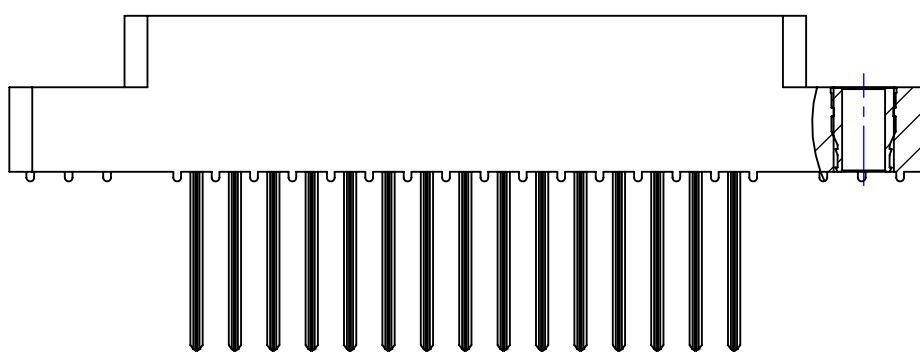
(C)



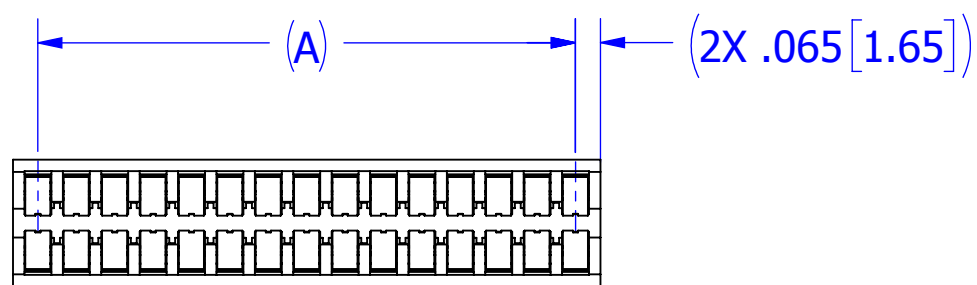
\_\_ C \_\_ DRYN



2X #4-40  
THREADED INSERT

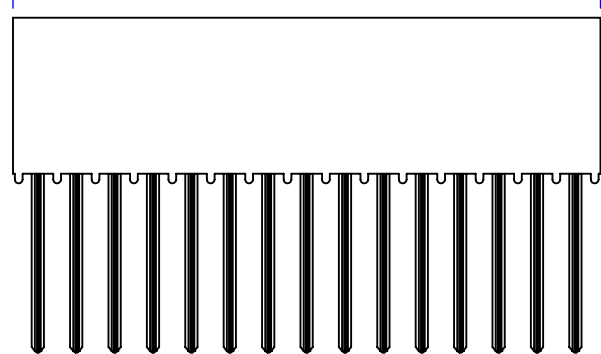


\_\_ C \_\_ DRYI

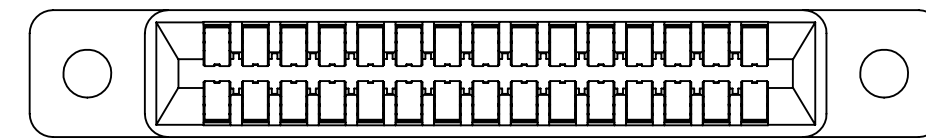
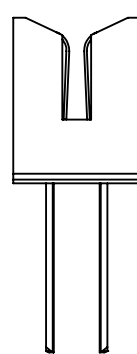


(2X .065 [1.65])

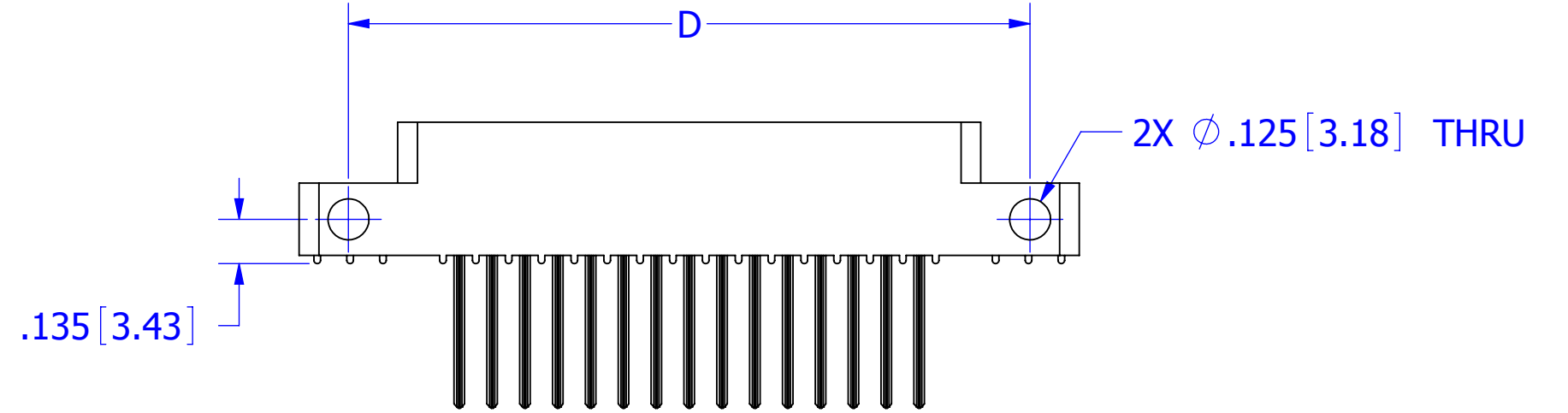
$L \pm .015 [0.38]$   
(L = DIM 'A' + .130 [3.30])



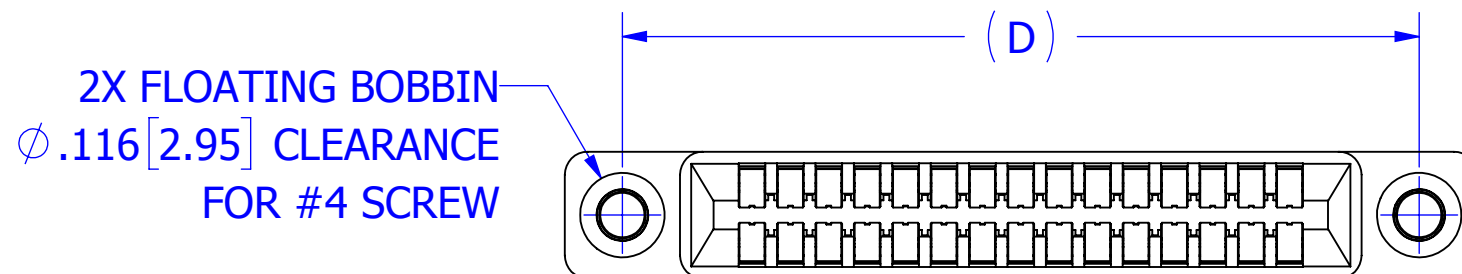
\_\_ C \_\_ DRYB



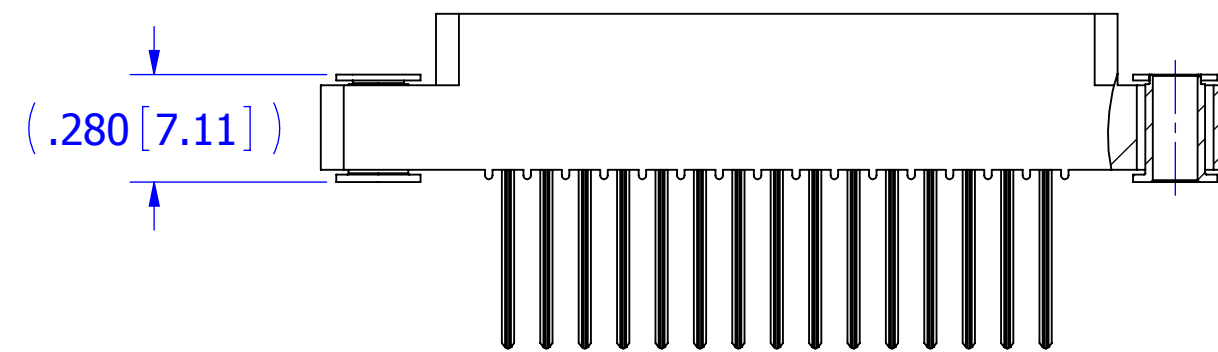
(D)



\_\_ C \_\_ DRY S

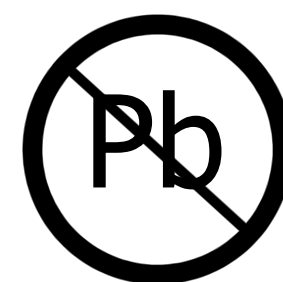


2X FLOATING BOBBIN  
 $\phi .116 [2.95]$  CLEARANCE  
FOR #4 SCREW



\_\_ C \_\_ DRY F

# CUSTOMER COPY



RoHS COMPLIANT

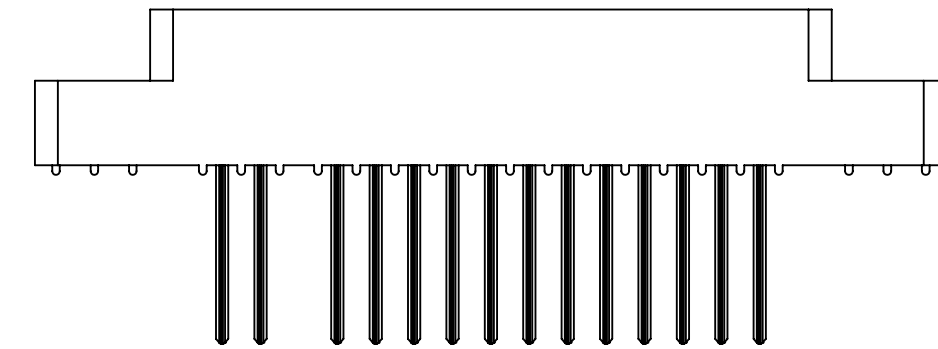
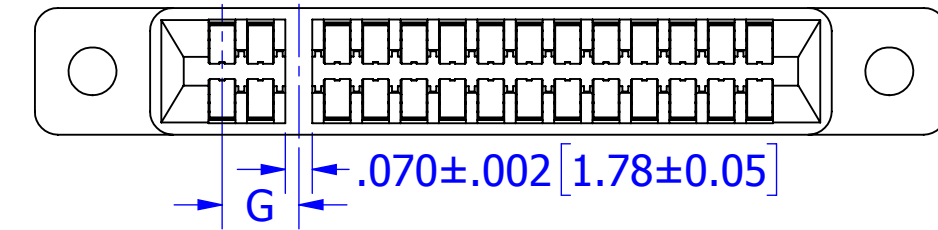
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			1/20/2014	JHSU	
TOLERANCES:					<small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small>
ANGULAR: $\pm 1^\circ$					
DECIMALS					
$.XX = \pm .02 [ .5]$ $.XXX = \pm .005 [ .13]$ $.XXXX = \pm .0005 [ .013]$					
TITLE		PART NUMBER			REV
EDGE CARD, .100 CC LP		__ C __ DRY_ (-S38, S81, S328)			D
SIZE	CAGE CODE	DWG. NO.		SCALE: 2:1	SHEET 2 OF 3
C	54453	C10879			



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+.005[0.13]/-.015[0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
C04DRY	4	0.300	7.62	0.500	12.70	0.675	17.15	0.975	24.77	1.275	32.39		
C05DRY	5	0.400	10.16	0.600	15.24	0.775	19.69	1.075	27.31	1.375	34.93		
C06DRY	6	0.500	12.70	0.700	17.78	0.875	22.23	1.175	29.85	1.475	37.47		
C07DRY	7	0.600	15.24	0.800	20.32	0.975	24.77	1.275	32.39	1.575	40.01		
C08DRY	8	0.700	17.78	0.900	22.86	1.075	27.31	1.375	34.93	1.675	42.55		
C10DRY	10	0.900	22.86	1.100	27.94	1.275	32.39	1.575	40.01	1.875	47.63		
C12DRY	12	1.100	27.94	1.300	33.02	1.475	37.47	1.775	45.09	2.075	52.71		
C13DRY	13	1.200	30.48	1.400	35.56	1.575	40.01	1.875	47.63	2.175	55.25		
C15DRY	15	1.400	35.56	1.600	40.64	1.775	45.09	2.075	52.71	2.375	60.33		
C17DRY	17	1.600	40.64	1.800	45.72	1.975	50.17	2.275	57.79	2.575	65.41	0.330	8.38
C18DRY	18	1.700	43.18	1.900	48.26	2.075	52.71	2.375	60.33	2.675	67.95		
C19DRY	19	1.800	45.72	2.000	50.80	2.175	55.25	2.475	62.87	2.775	70.49		
C20DRY	20	1.900	48.26	2.100	53.34	2.275	57.79	2.575	65.41	2.875	73.03		
C22DRY	22	2.100	53.34	2.300	58.42	2.475	62.87	2.775	70.49	3.075	78.11		
C23DRY	23	2.200	55.88	2.400	60.96	2.575	65.41	2.875	73.03	3.175	80.65		
C25DRY	25	2.400	60.96	2.600	66.04	2.775	70.49	3.075	78.11	3.375	85.73		
C26DRY	26	2.500	63.50	2.700	68.58	2.875	73.03	3.175	80.65	3.475	88.27		
C28DRY	28	2.700	68.58	2.900	73.66	3.075	78.11	3.375	85.73	3.675	93.35		
C30DRY	30	2.900	73.66	3.100	78.74	3.275	83.19	3.575	90.81	3.875	98.43		
C31DRY	31	3.000	76.20	3.200	81.28	3.375	85.73	3.675	93.35	3.975	100.97		
C35DRY	35	3.400	86.36	3.600	91.44	3.775	95.89	4.075	103.51	4.375	111.13		
C36DRY	36	3.500	88.90	3.700	93.98	3.875	98.43	4.175	106.05	4.475	113.67		
C40DRY	40	3.900	99.06	4.100	104.14	4.275	108.59	4.575	116.21	4.875	123.83		
C43DRY	43	4.200	106.68	4.400	111.76	4.575	116.21	4.875	123.83	5.175	131.45		
C44DRY	44	4.300	109.22	4.500	114.30	4.675	118.75	4.975	126.37	5.275	133.99		
C49DRY	49	4.800	121.92	5.000	127.00	5.175	131.45	5.475	139.07	5.775	146.69		
C50DRY	50	4.900	124.46	5.100	129.54	5.275	133.99	5.575	141.61	5.875	149.23		
C52DRY	52	5.100	129.54	5.300	134.62	5.475	139.07	5.775	146.69	6.075	154.31		
C60DRY	60	5.900	149.86	6.100	154.94	6.275	159.39	6.575	167.01	6.875	174.63		
C65DRY	65	6.400	162.56	6.600	167.64	6.775	172.09	7.075	179.71	7.375	187.33		

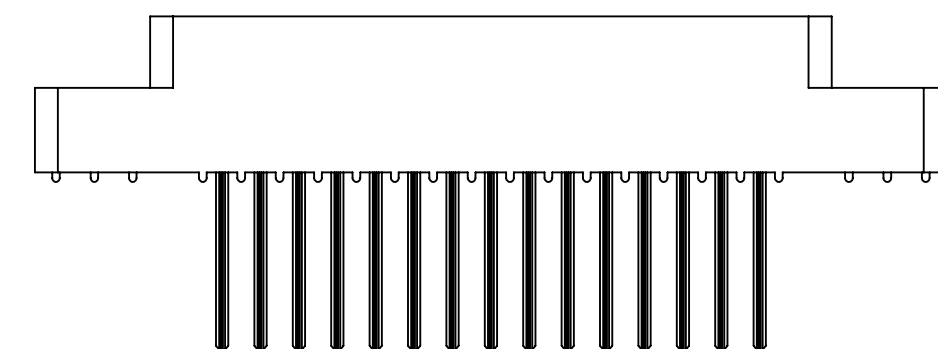
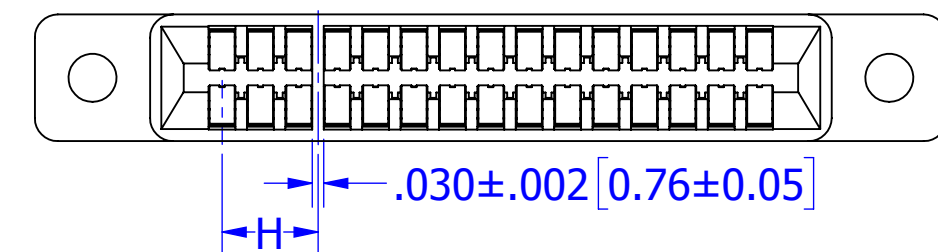
SEE DRAWING C13556 FOR MODIFICATION NUMBER (S#), 'G' & 'H' DIMENSIONS

KEY IN POSITION



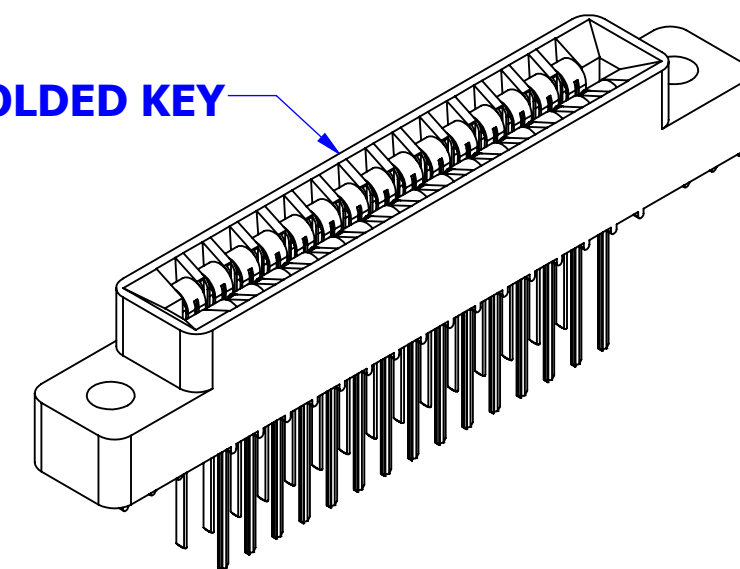
('H' MOUNTING AS SHOWN FOR EXAMPLE)

KEY BETWEEN POSITIONS



('H' MOUNTING AS SHOWN FOR EXAMPLE)

WITHOUT MOLDED KEY



CUSTOMER COPY

PART NUMBER CODING

C DRY S

MATERIAL (INSULATOR/CONTACT)

- E = PBT/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY
- R = PPS/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- G = PA9T/PHOSPHOR BRONZE**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- H = PBT/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY
- A = PPS/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- J = PA9T/BERYLLIUM COPPER**  
OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- F = 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)
- C = PPS/BERYLLIUM NICKEL (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
- W = PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)**  
AVAILABLE IN OVERALL GOLD ONLY (M PLATING CODE ONLY)  
OPERATING TEMP: -65°C TO +250°C

MODIFICATION

- OMIT FOR STANDARD, EX 'EBC22DRYH'
- S38 = BLACK PBT (MATERIAL CODES E AND H ONLY)
- S81 = GREEN PBT (MATERIAL CODES E AND H ONLY)
- S328 = BROWN PPS (MATERIAL CODES R, A, F, AND C ONLY)
- OTHER S# FOR MOLDED KEY (SEE DRAWING C13556)

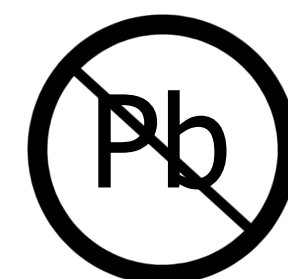
MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES
- I = #4-40 THREADED INSERT
- S = .125" DIA. SIDE MOUNTING
- N = NO MOUNTING EARS
- F = FLOATING BOBBIN
- B = OPEN CARD SLOT

NUMBER OF POSITIONS  
(CONTACTS PER ROW)

PLATING

- ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE
- CONTACT SURFACE TERMINATION
- G = .000010" GOLD .000005" GOLD
- Y = .000030" GOLD .000005" GOLD
- B = .000010" GOLD .000100" PURE TIN, MATTE
- C = .000030" GOLD .000100" PURE TIN, MATTE
- \*\*E = .000100" PURE TIN, MATTE OVERALL
- S = .000010" GOLD OVERALL
- M = .000030" GOLD .000010" GOLD OVERALL
- \*\*ONLY AVAILABLE ON MATERIAL CODES E, R, AND G



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		1/20/2014	JHSU	
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, .100 CC LP
PART NUMBER				REV
C DRY (-S38, S81, S328)				D
SIZE	CAGE CODE	DWG. NO.		
C	54453	C10879		
SCALE: 2:1			SHEET 3 OF 3	