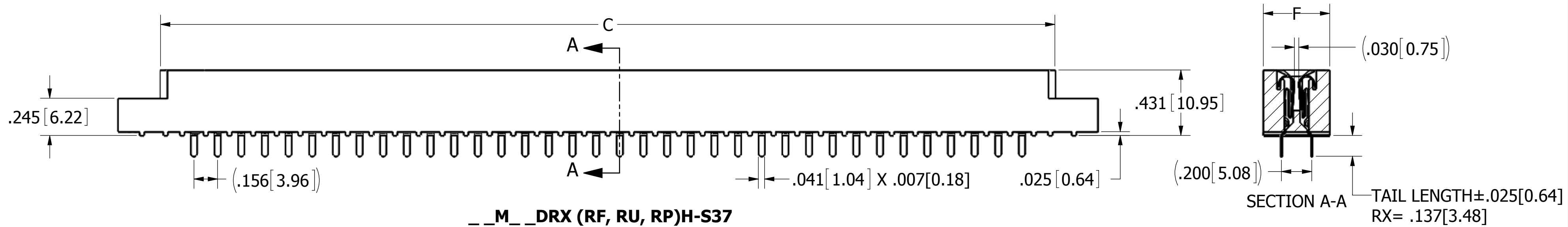
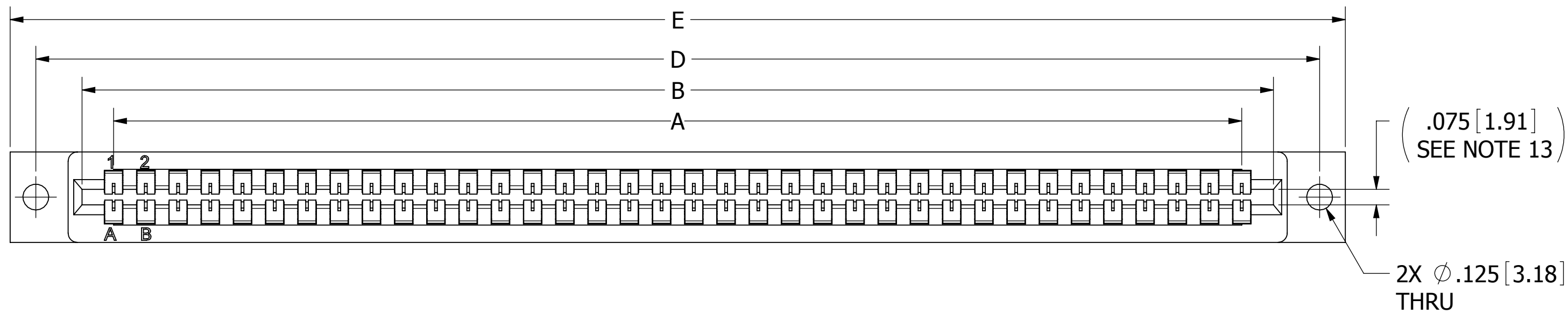
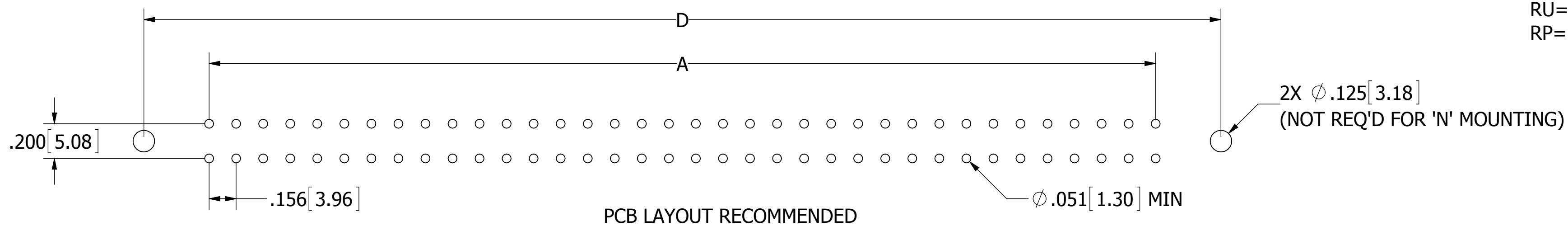


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2663	INITIAL RELEASE	8/24/2012	JH



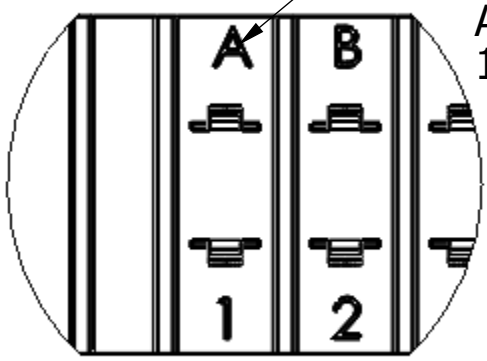
__M__DRX (RF, RU, RP)H-S37

TAIL LENGTH ±.025 [0.64]
 RX = .137 [3.48]
 RF = .200 [5.08]
 RU = .225 [5.71]
 RP = .408 [10.40]



PCB LAYOUT RECOMMENDED

CONTACT MARKINGS
 (LETTERS G, I, O & Q NOT USED)
 SIZES 36 & 43
 A B C ... R...Y
 1 2 3 ... 36..43



- NOTES:
- INSULATOR MATERIAL: SEE PART NUMBER CODING.
 - CONTACT MATERIAL: SEE PART NUMBER CODING.
 - PLATING: .SEE PART NUMBER CODING.
 - OPERATING TEMPERATURE: SEE PART NUMBER CODING.
 - PROCESSING TEMP: SEE PART NUMBER CODING.
 - UL FLAMMABILITY RATING: 94V-0
 - OPERATING VOLTAGE: 950 VAC MINIMUM AT SEA LEVEL
 - CURRENT RATING: 3 AMP PER CONTACT
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS
 - DURABILITY: 500 CYCLES MIN
 - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
 - BOARD THICKNESS ACCOMMODATED: .062 ±.008 [1.57 ±0.20]
 - 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 WI7.3-01
 - WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] PCB
 - MODIFICATION: REVERSE CONTACT ID, SHORTER CARDSLOT LENGTH (SEE DIMENSION TABLE)

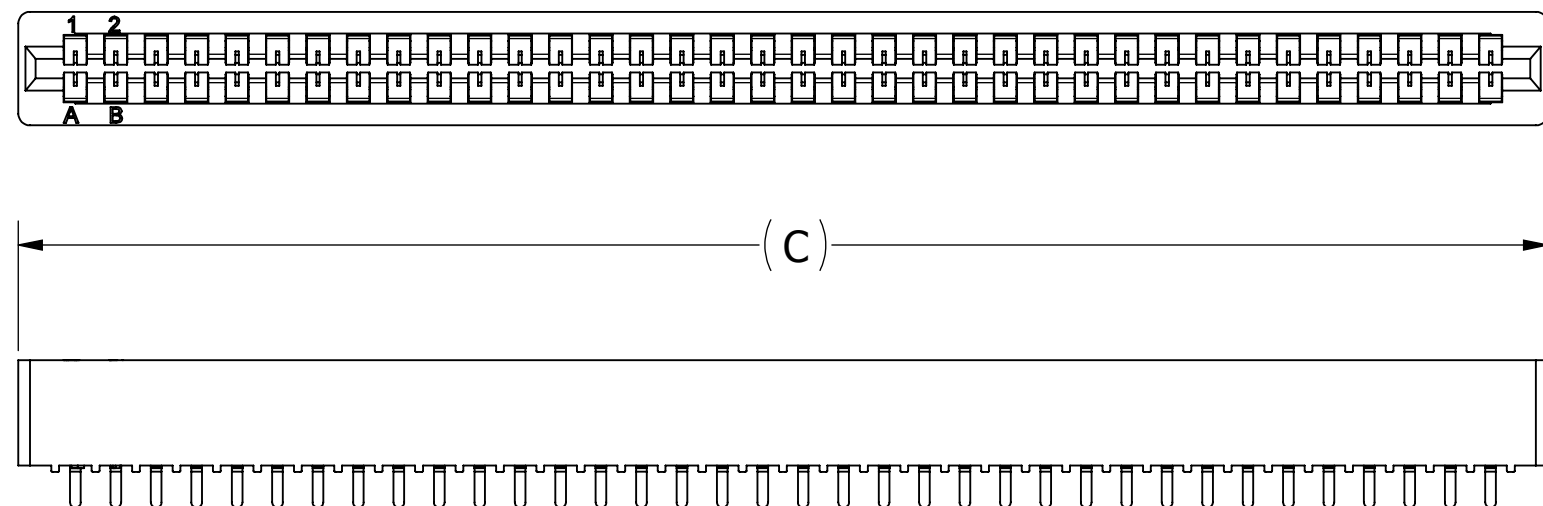


CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			8/24/2012	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [1.3] .XXXX = ± .0005 [0.13]					<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					EDGE CARD, .156 CC, LP
PART NUMBER					__M__DRX (RF, RJ, RP)_- S37
SIZE	CAGE CODE	DWG. NO.		REV	
C	54453	C12077		A	
SCALE: 2:1					SHEET 1 OF 3

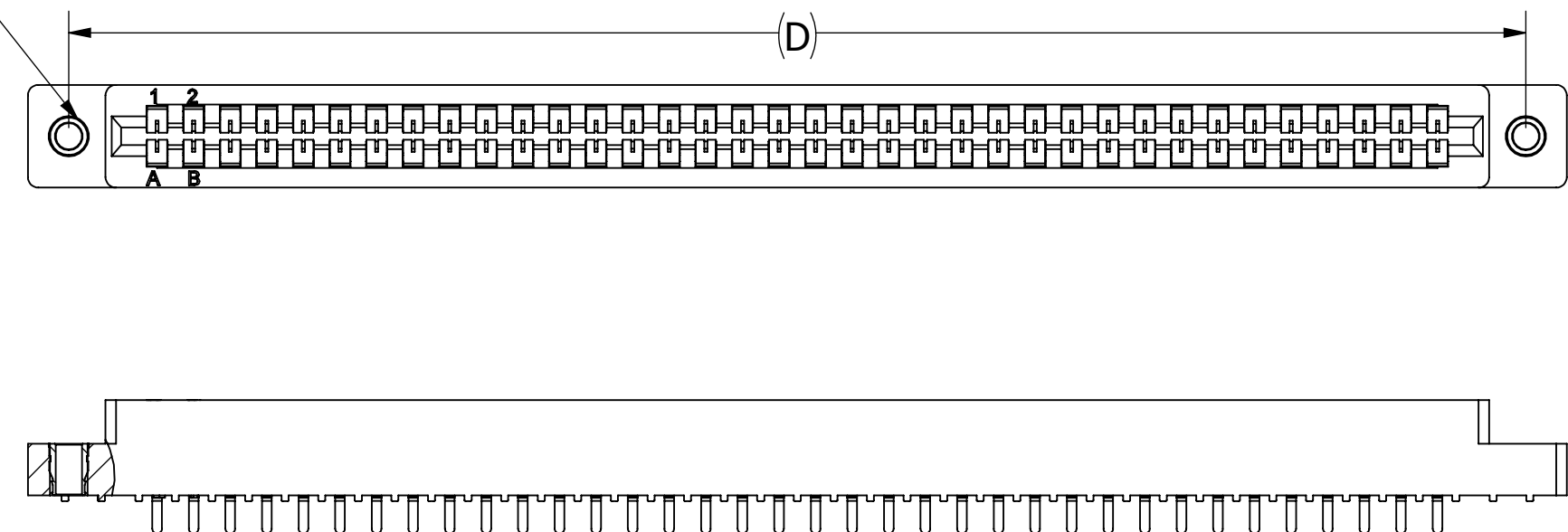
8 7 6 5 4 3 2 1

F E D C B A



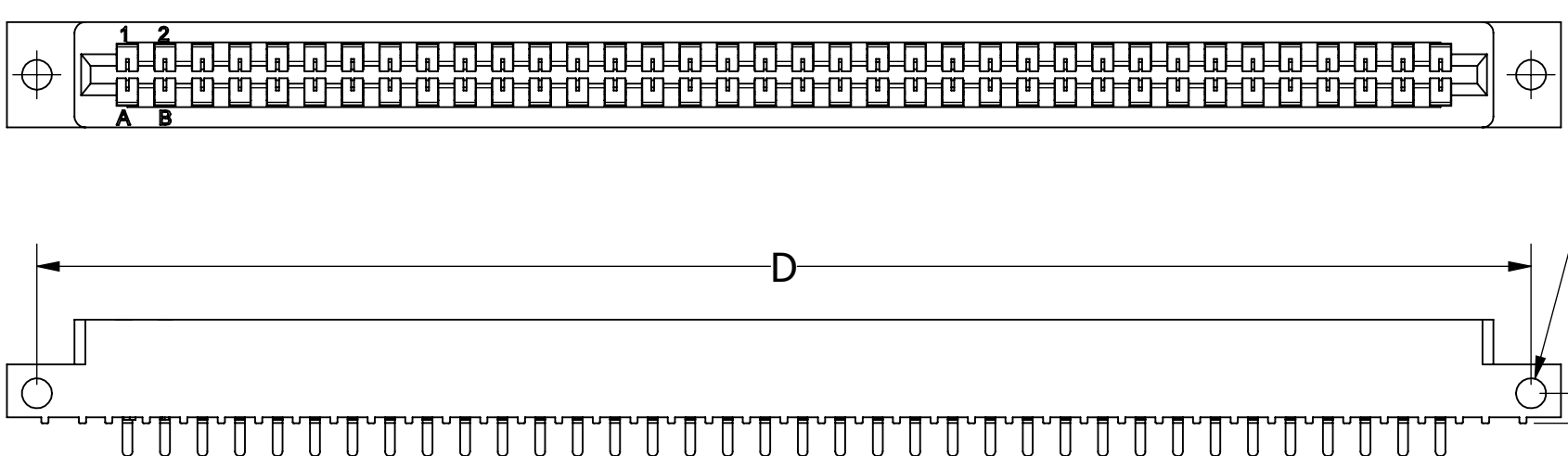
__M__DRX (RF, RU, RP)N-S37

2X #4-40
THREADED INSERTS

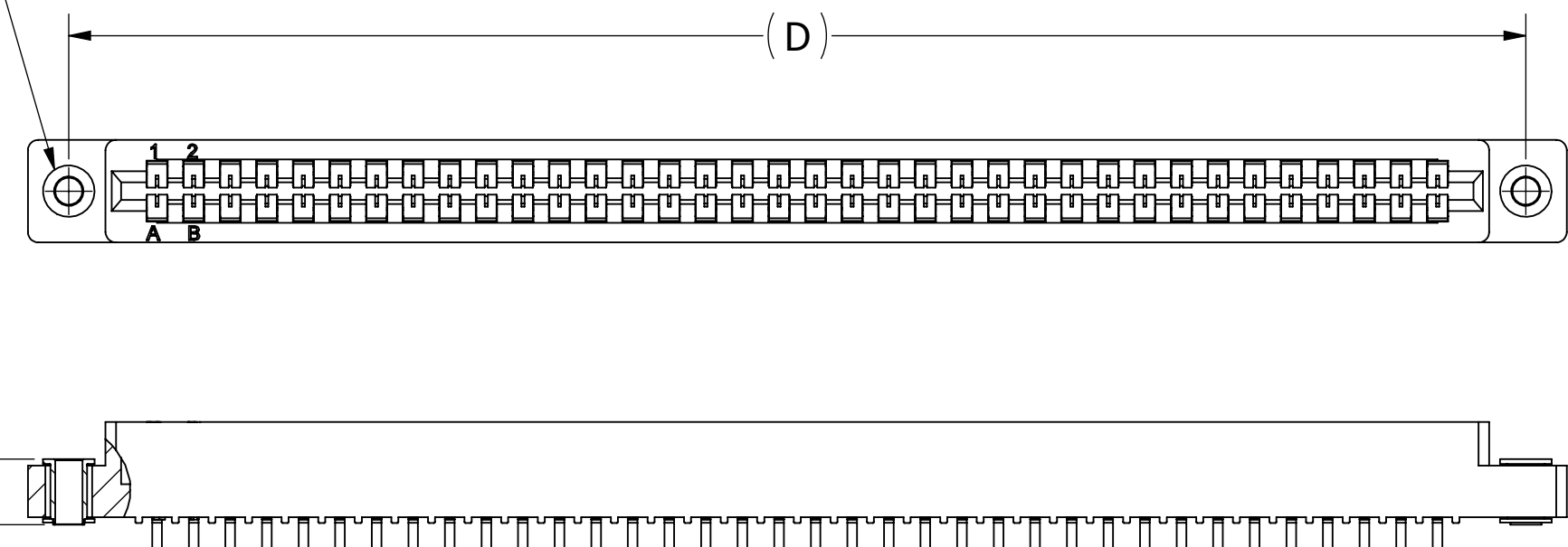


__M__DRX (RF, RU, RP)I-S37

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



__M__DRX (RF, RU, RP)S-S37



__M__DRX (RF, RU, RP)F-S37

CUSTOMER COPY



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR: $\pm 1^\circ$

DECIMALS
.XX = $\pm .02$ [.5]
.XXX = $\pm .005$ [.13]
.XXXX = $\pm .0005$ [.013]

DRAWN	DATE	NAME
	8/24/2012	JH
<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 EDGE CARD, .156 CC, LP			
PART NUMBER __M__DRX (RF, RJ, RP) - S37			
SIZE C	CAGE CODE 54453	DWG. NO. C12077	REV A
SCALE: 1:1		SHEET 2 OF 3	

8 7 6 5 4 3 2 1

PART NUMBER	NO. OF POSITIONS	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]	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
M36DRX(RF, RU, RP)-S37	36	5.460	138.68	5.766	146.46	5.900	149.86	6.213	157.81	6.462	164.13	6.562	166.67	0.438	11.13
M43DRX(RF, RU, RP)-S37	43	6.552	166.42	6.810	172.97	6.992	177.60	7.305	185.55	7.554	191.87	7.654	194.41	0.500	12.70

FOR CONNECTOR W/
INSERTS OR BOBBIN

PART NUMBER CODING

-- M -- D -- - S37

MATERIAL (INSULATOR/CONTACT)

- E = PBT/ PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- R = PPS/ PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- H = PBT/ BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- A = PPS/ BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
(CONSULT FACTORY FOR OTHER MATERIALS)

MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES (PAGE 1)
- N = NO MOUNTING EARS (PAGE 2)
- S = .125" DIA. SIDE MOUNTING (PAGE 2)
- I = #4-40 THREADED INSERT (PAGE 2)
- F = FLOATING BOBBIN (PAGE 2)

TAIL LENGTH

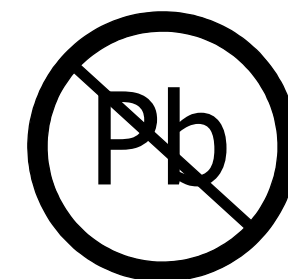
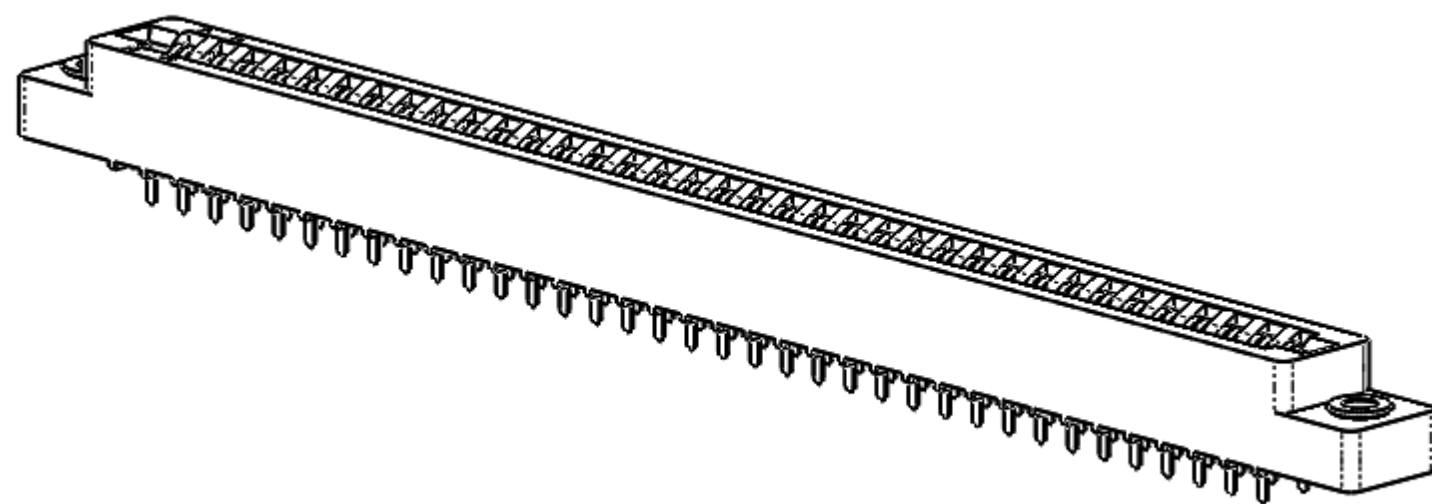
- RX= .137[3.48]
- RF= .200[5.08]
- RU= .225[5.71]
- RP= .408[10.40]
- (SEE SECTION A-A ON PAGE 1)

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

PLATING

ALL PLATINGS ARE LEAD FREE AND 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 |
| ** OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES E, R AND G | |



RoHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		8/24/2012	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]	<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
				EDGE CARD, .156 CC, LP
PART NUMBER				REV
M DRX (RF, RJ, RP)_ - S37				A
SIZE	CAGE CODE	DWG. NO.		
C	54453	C12077		
SCALE: 1.5:1			SHEET 3 OF 3	