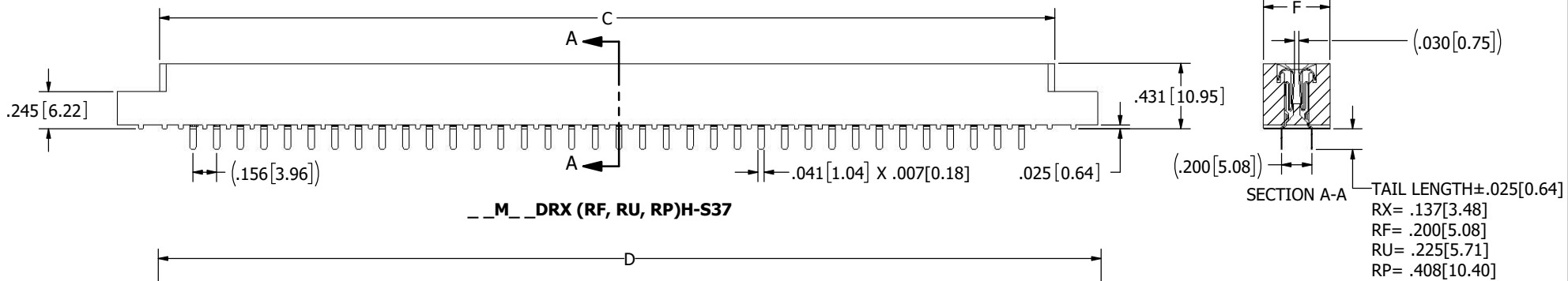
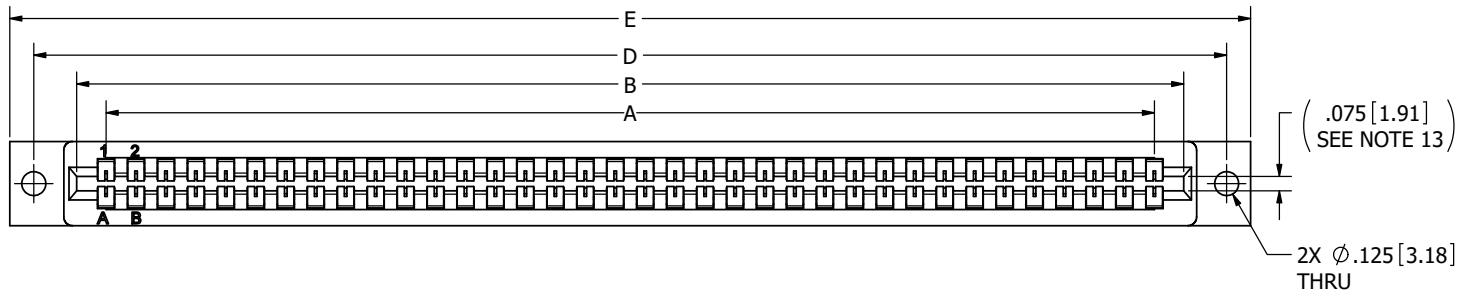
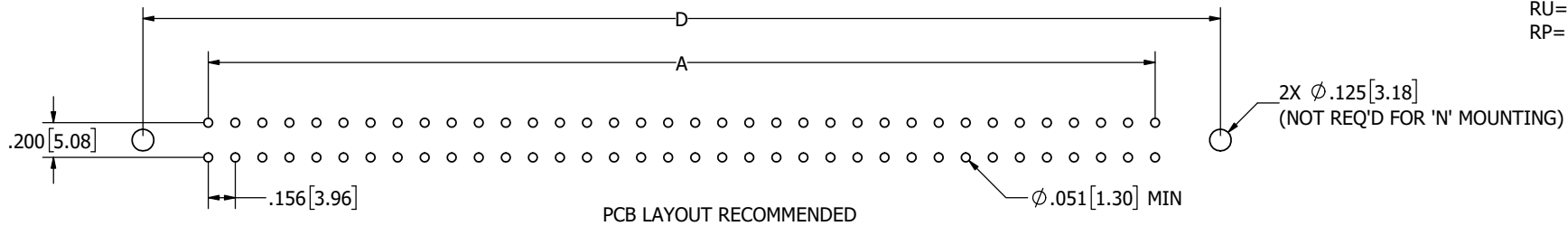


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2663	INITIAL RELEASE	8/24/2012	JH
B	4415	UPDATE TITLE BLOCK	8/17/2021	PL

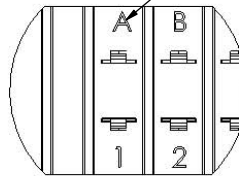


-- M -- DRX (RF, RU, RP)H-S37



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
- CURRENT RATING: 3 AMPS
- 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 WI-8.6-03
- WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE
- MODIFICATION: REVERSE CONTACT ID, SHORTER CARDSLOT LENGTH (SEE DIMENSION TABLE)



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES (MM)

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

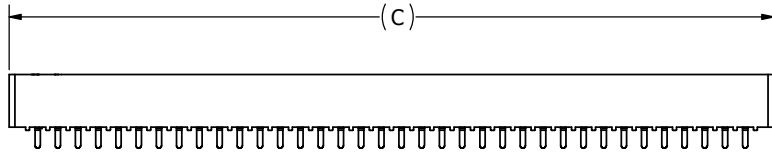
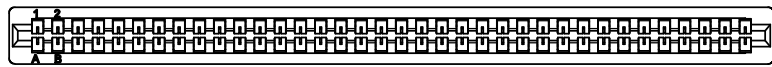
DRAWN	DATE	NAME
	8/24/2012	JH

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CUSTOMER COPY

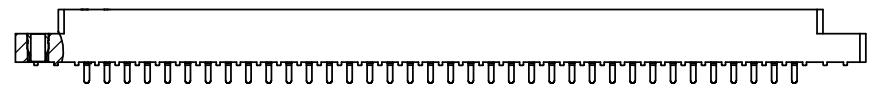
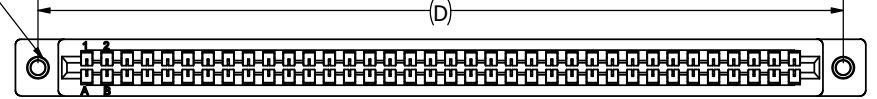


TITLE EDGECARD, .156 CC, LP			
PART NUMBER -- M -- DRX (RF, RU, RP) - S37			
SIZE C	CAGE CODE 54453	DWG. NO. C12077	REV B
SCALE: 2:1		SHEET 1 OF 3	



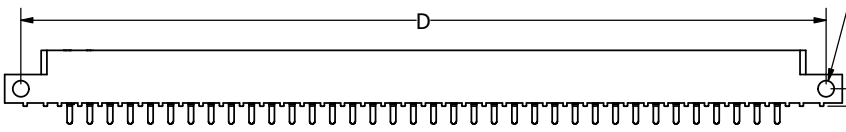
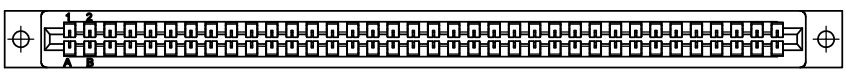
--M--DRX (RF, RU, RP)N-S37

2X #4-40
THREADED INSERTS

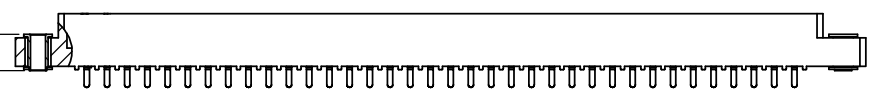
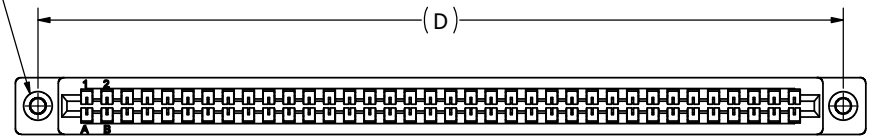


--M--DRX (RF, RU, RP)I-S37

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

2X ϕ .125[3.18]
(.280[7.11])
.135[3.43]

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
JH	8/24/2012	JH

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SULLINS CONNECTOR SOLUTIONS			
TITLE EDGE CARD, .156 CC, LP			
PART NUMBER --M--DRX (RF, RU, RP) - S37			
SIZE C	CAGE CODE 54453	DWG. NO. C12077	REV B
SCALE: 1:1		SHEET 2 OF 3	

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/-0.015 [+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

PART NUMBER CODING

-- M -- D -- - S37

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
- H = BLUE PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY
- A = GREEN PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SEC
(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

- B = .000010" GOLD
- C = .000030" GOLD
- G = .000010" GOLD
- Y = .000030" GOLD

CONTACT SURFACE

- S = .000010" GOLD
- M = .000030" GOLD
- **E = .000100" PURE TIN, MATTE

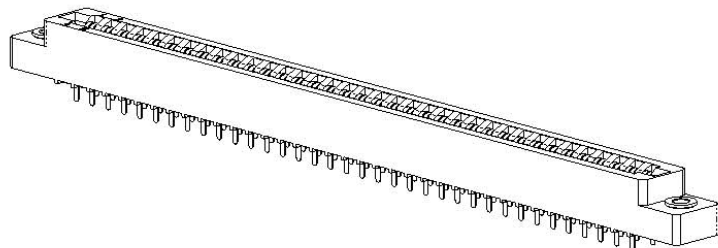
** OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES 'E' OR 'R'

TERMINATION

- .000100" PURE TIN, MATTE
- .000100" PURE TIN, MATTE
- .000005" GOLD
- .000005" GOLD

OVERALL PLATING

- .000010" GOLD
- .000010" GOLD
- .000100" PURE TIN, MATTE



RoHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME	
			8/24/2012	JH	
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PART NUMBER _M_ DRX (RF, RU, RP) - S37					
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453	C12077	B		
SCALE: 1.5:1		SHEET 3 OF 3			