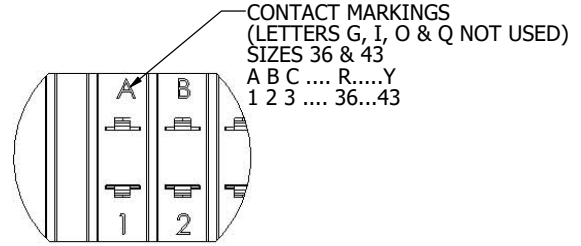
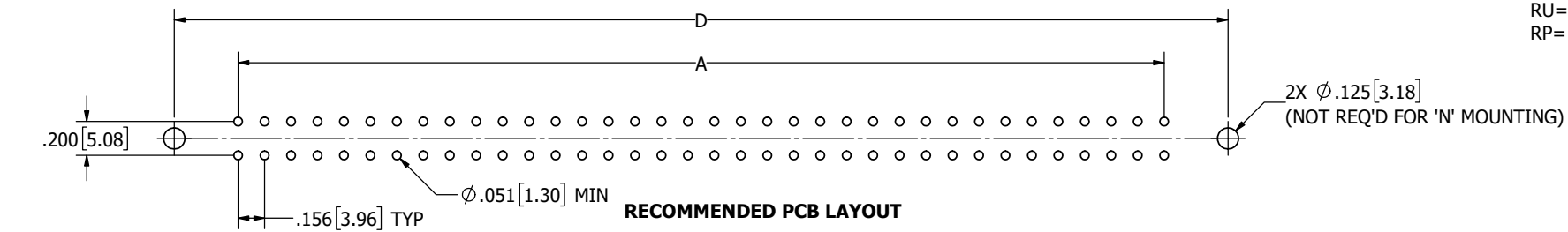
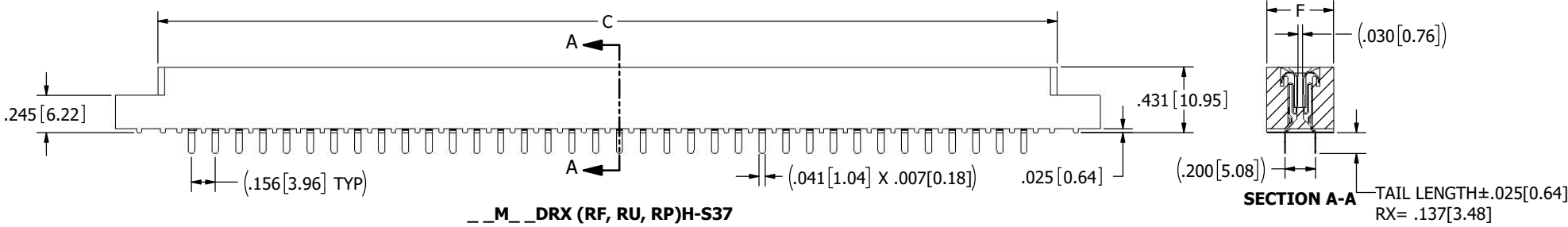
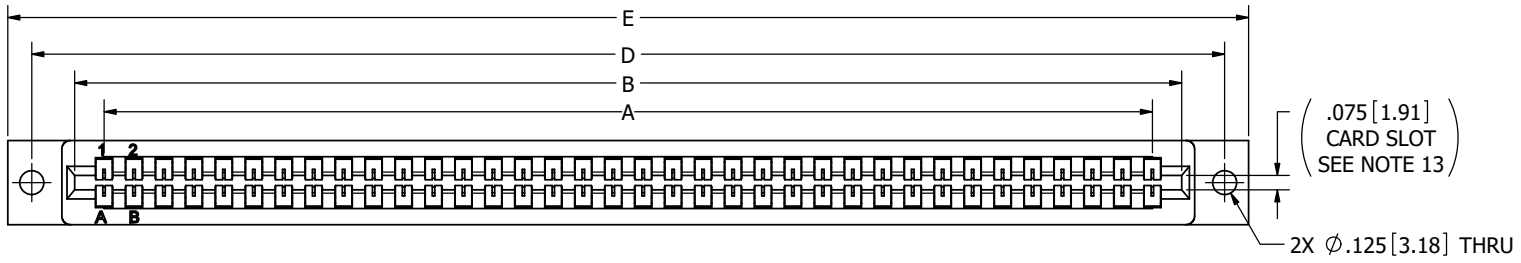


| REVISIONS | | | | |
|-----------|---------|------------------------------|-----------|----|
| REV. | ECO. NO | DESCRIPTION | DATE | BY |
| A | 2663 | INITIAL RELEASE | 8/24/2012 | JH |
| B | 4415 | UPDATE TITLE BLOCK | 8/17/2021 | PL |
| C | 4714 | ADD REF TO DIM '.041 X .007' | 8/9/2023 | MM |

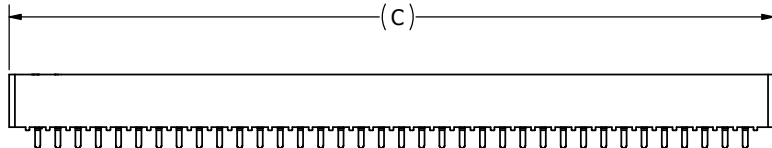
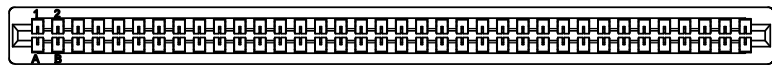


- NOTES:**
- INSULATOR MATERIAL: SEE PART NUMBER CODING.
 - CONTACT MATERIAL: SEE PART NUMBER CODING.
 - PLATING: .SEE PART NUMBER CODING.
 - OPERATING TEMPERATURE: SEE PART NUMBER CODING.
 - PROCESSING TEMP: SEE PART NUMBER CODING.
 - UL FLAMMABILITY RATING: 94V-0
 - OPERATING VOLTAGE: 950 VAC
 - CURRENT RATING: 3 AMP
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS
 - DURABILITY: 500 CYCLES MINIMUM
 - 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)

CUSTOMER COPY

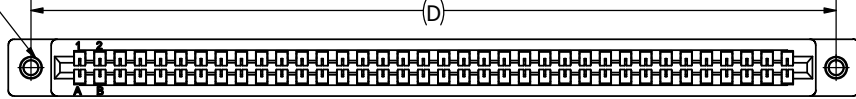


| | | | | | |
|---|--|---|-----------|--------------|-----------------------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM) | | DRAWN | DATE | NAME | |
| TOLERANCES: | | | 8/24/2012 | JH | |
| ANGULAR: ± 1° | | <small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS 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 | | | | | EDGE CARD, .156 CC, LP |
| .XX= ± .02 [5] | | | | | PART NUMBER |
| .XXX= ± .005 [13] | | | | | __M__DRX (RF, RU, RP) - S37 |
| .XXXX= ± .0005 [013] | | SIZE | CAGE CODE | DWG. NO. | REV |
| | | C | 54453 | C12077 | C |
| | | SCALE: 2:1 | | SHEET 1 OF 3 | |



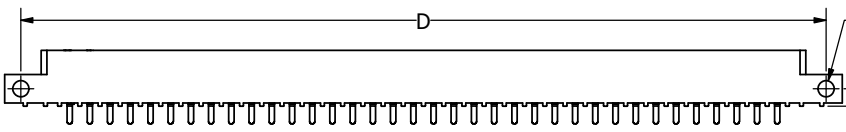
_M_DRX (RF, RU, RP)N-S37

2X #4-40
THREADED INSERTS



_M_DRX (RF, RU, RP)I-S37

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

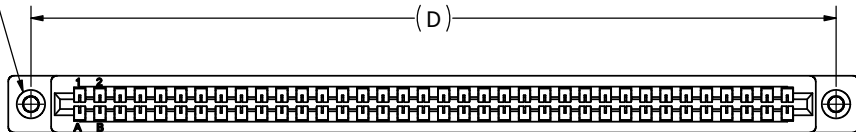


_M_DRX (RF, RU, RP)S-S37

2X $\phi .125[3.18]$ THRU

$(.280[7.11])$

$.135[3.43]$



_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, RU, RP) - S37 | | | |
| SIZE C | CAGE CODE 54453 | DWG. NO. C12077 | REV C |
| SCALE: 2:1 | | 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)

TERMINATION

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

NUMBER OF POSITIONS

(CONTACTS PER ROW)

PLATING

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

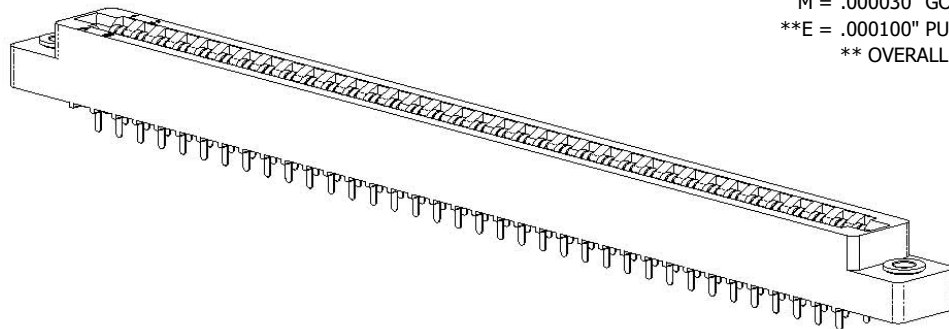
CONTACT SURFACE

B = .000010" GOLD
C = .000030" GOLD
G = .000010" GOLD
Y = .000030" GOLD
S = .000010" GOLD
M = .000030" GOLD
**E = .000100" PURE TIN, MATTE

TERMINATION

.000100" PURE TIN, MATTE
.000100" PURE TIN, MATTE
.000005" GOLD
.000005" GOLD
.000010" GOLD
.000010" GOLD
.000100" PURE TIN, MATTE

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



CUSTOMER COPY



RoHS COMPLIANT

| | | | | | |
|---|--|--------------------|-----------|--------------------|---------------------------------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM) | | DRAWN | DATE | NAME | |
| TOLERANCES: ANGULAR: ± 1° DECIMALS .XX= ± .02 [5] .XXX= ± .005 [13] .XXXX= ± .0005 [013] | | | 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 EDGECARD, .156 CC, LP |
| PART NUMBER _M_ DRX (RF, RU, RP) - S37 | | | | | SIZE C |
| SCALE: 2:1 | | CAGE CODE 54453 | | DWG. NO. C12077 | REV C |
| | | | | | SHEET 3 OF 3 |