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: 950 VAC
8. CURRENT RATING: 3 AMP
9. CONTACT RESISTANCE: 30 MILI 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 [.157 ± .20]
14. INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062 [.157] TEST BLADE
15. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION WI7.3-01
16. MODIFICATION: SEE PART NUMBER CODING

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
ANGULAR: ± 1°
DECIMALS:
.001 [.0025] ± .0007 [.0175]
.0001 [.00025] ± .00007 [.000175]

DATE DRAWN
2/2/2007
MV

DRAWING
CAGE CODE
54453

PART NUMBER
TITLE
- _M_ _D_ (RX,RF,RU,RP)_-(S38,S81,S328)
EDGE CARD .156 CC, LP

REVISIONS
REV. ECO NO. DESCRIPTION DATE BY
G 2246 ADD S38, S81, S328, UPDATE NOTES 1/26/2011 JH
H 2994 ADD ‘B’ MOUNTING, CONTACT GAP, UPDATE DRAWING FORMAT 6/9/2014 JHSU

FILE NAME: C10889, _ _M_ _D(RX,RF,RU,RP)_-(OMIT,S38,S81,S328)

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MV2/2/2007

DATE NAMEDRAWN
C
DWG. NO.
SHEET 1 OF 3
SCALE: 2:1

CONTACT MARKINGS (LETTERS G, I, O, & Q NOT USED)
SIZE 02 THRU 25:
1 2 3 ... 23 24 ...
A B C ... AA BB ...
SIZE 28 THRU 44:
1 2 3 ... 23 ...
A B C ... A B ...

CONTACT ID SCALE 3:1
(PINS OMITTED FOR CLARITY)

TAIL LENGTH
RX = .137±.025 [3.48±.64] RF = .200±.025 [5.08±.64] RU = .225±.025 [5.71±.64] RP = .408±.025 [10.40±.64]

SECTION A-A

RECOMMENDED PCB LAYOUT

ROUND CORNER, 4PLS FOR 'I' & 'F' MOUNTING OPTIONS

.041 [1.04] X .007 [0.18]
.025 [0.64]
.200 [5.08]
.156 [3.96] TYP
.245 [6.22]
.025 [0.64]
.200 [5.08]


.186 [4.72]
.254 [6.42]
.033 [0.84]
.075 [1.91]

CARD SLOT SEE NOTE 13

.051 [1.30] MIN

WRAP TEXT CONTINUE

.200 [5.08]
.156 [3.96]
UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR ± 1°

DECIMALS

.02 [0.5]

.005 [0.13]

.0005 [0.013]

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### PART NUMBER CODING

<table>
<thead>
<tr>
<th>E</th>
<th>M</th>
<th>D</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>D</td>
<td>S</td>
</tr>
</tbody>
</table>

### MODIFICATION CODE

OMIT FOR STANDARD, EX: RBM22DXXW

<table>
<thead>
<tr>
<th>S</th>
<th>M</th>
<th>D</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>D</td>
<td>S</td>
</tr>
</tbody>
</table>

### MOUNTING STYLE

H = .125(3.18) DIA, CLEARANCE HOLES
N = NO MOUNTING BARS
L = .125(3.18) DIA, SIDE MOUNTING
I = .04-.08 THREAD/32 3/4"BT
F = FLOATING BOBBIN
D = FLUSH MOUNTING

### TERMINATION

R X = .225(5.71) TAIL LENGTH
S X = .225(5.71) TAIL LENGTH
T X = .225(5.71) TAIL LENGTH

### NUMBER OF POSITIONS

(CONTACTS PER ROW)

### PLATING

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

<table>
<thead>
<tr>
<th>CONTACT SURFACE</th>
<th>TERMINATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>B = .000050&quot; GOL</td>
<td>.000010&quot; PURE TIN MATTE</td>
</tr>
<tr>
<td>C = .000030&quot; GOL</td>
<td>.000010&quot; PURE TIN MATTE</td>
</tr>
<tr>
<td>G = .000100&quot; GOL</td>
<td>.000005&quot; GOLD</td>
</tr>
<tr>
<td>Y = .000030&quot; GOL</td>
<td>.000005&quot; GOLD</td>
</tr>
<tr>
<td>Z = .000030&quot; GOL</td>
<td>.000010&quot; GOLD OVERALL</td>
</tr>
<tr>
<td>M = .000100&quot; GOL</td>
<td>.000010&quot; GOLD OVERALL</td>
</tr>
</tbody>
</table>

**All platings are lead-free and have .000050" nickel underplate.**

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**CUSTOMER COPY**

**CAGE CODE** 54453

**FILE NAME** C10889, _ _M_ _D(RX,RF,RU,RP)_-(OMIT,S38,S81,S328)

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**MV2/2/2007**

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**C10889**

**SHEET 3 OF 3**