REVISION F

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

DO NOT SCALE FROM THIS PRINT

RPBU-XX-X-B-XX-XX

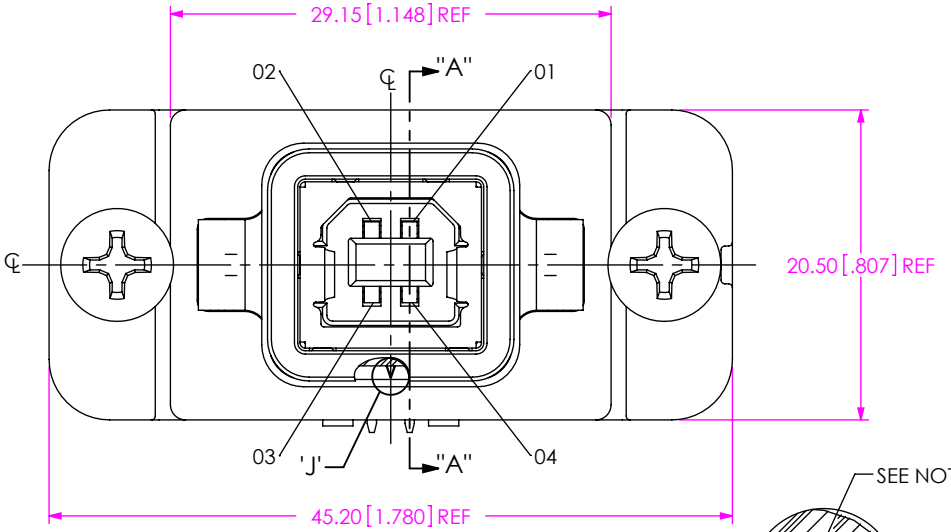
No OF POSITIONS
-01

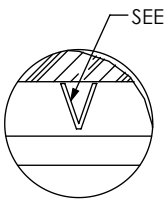
PLATING SPECIFICATION
-S: SELECTIVE, .000030 GOLD ON POST, TIN ON TAIL

TYPE
-B

OPTION
-LC: LOCKING CLIP (AVAILABLE ON -VT ONLY)

TERMINATION
-RA: RIGHT ANGLE (SHEET 1, FIG 1)
-VT: VERTICAL THROUGH HOLE (SHEET 2, FIG 2)




DETAIL 'J'
SCALE 8 : 1

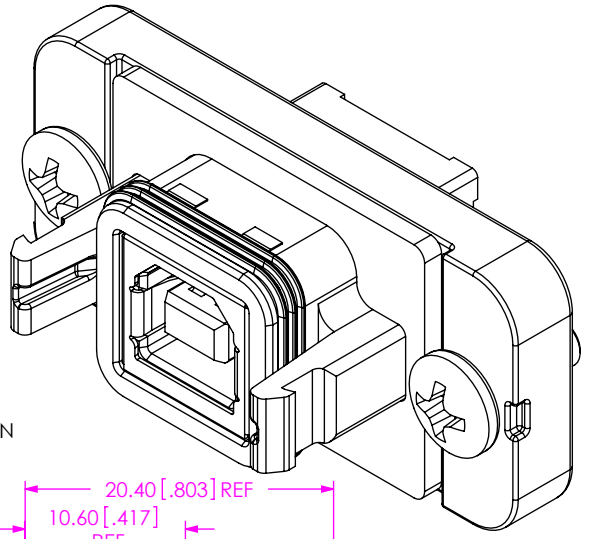
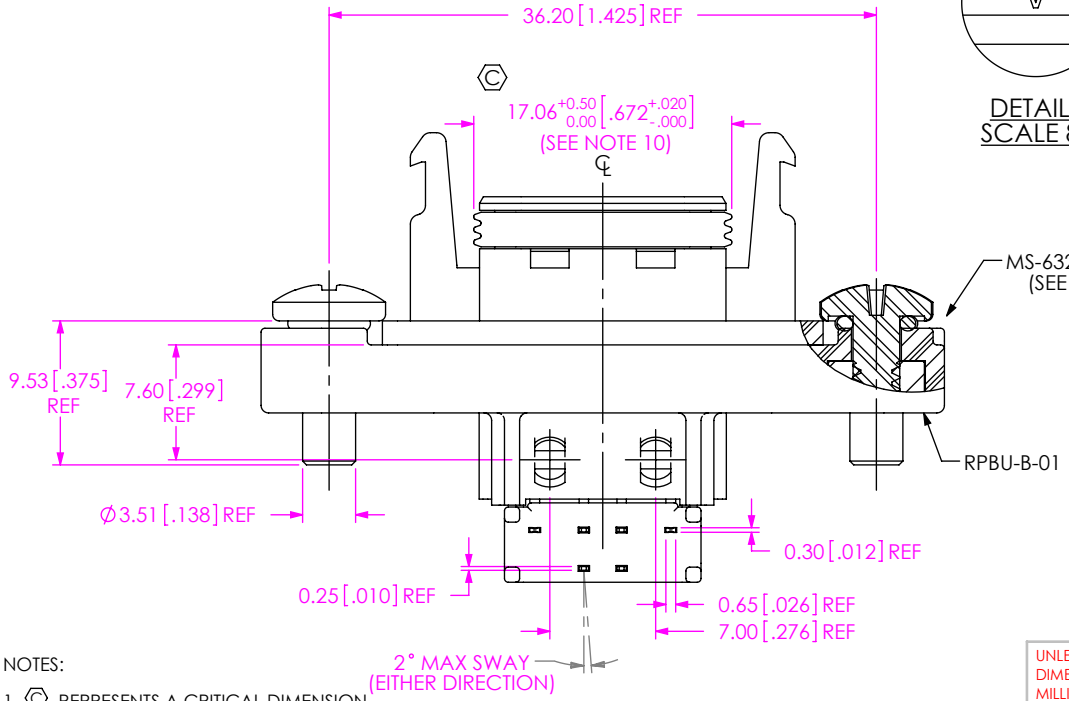
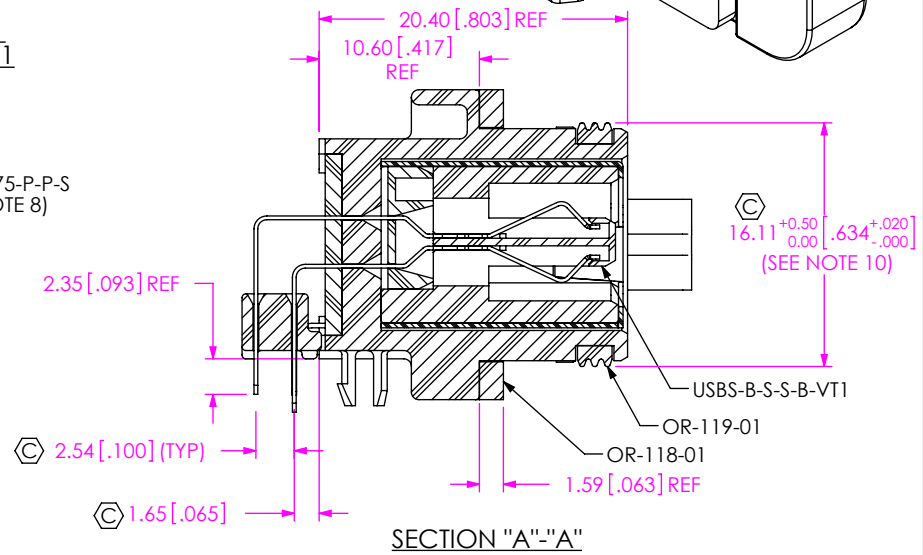


FIG 1
RPBU-01-X-B-RA SHOWN




SECTION "A"-"A"

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 4.4N[1.00 LB].
4. MAXIMUM ALLOWABLE BOW: 0.05[.002] MM/MM AFTER ASSEMBLY.
5. PANEL THICKNESS: 0.76[.030] - 3.96[.156], RECOMMENDED PANEL CUT OUT ON SHEET 2.
6. REQUIRED TORQUE ON MS-632-375-P-P-S: .35±.07 Nm [50±10 IN-OZ].
7. ALL PARTS MUST BE PACKAGED IN TUBES.
8. SEAL O-RING IS INCLUDED IN THE MS-632-375-P-P-S.
9. © EPOXY MUST BE FLUSH OR BELOW EDGE OF CAVITY. NO VOIDS IN EPOXY ALLOWED.
10. MEASURE O-RING IN THE CENTER OF THE PART.
11. PARTS TO BE OVEN CURED, AFTER THE EPOXY IS FILLED, AT 200°C FOR 10 MINUTES.
12. OR-119-XX POSITION INDICATOR.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS[INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01] 2 °
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]


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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP UL94V0, COLOR: BLACK
CONTACT: PHOS BRONZE
SHIELD: PHOS BRONZE
SEAL: SILICON
SCREW: STAINLESS STEEL
NUT: STAINLESS STEEL

F:\DWG\MISC\MKTG\RPBU-XX-X-B-XX-XX-MKT.SLDDRW


520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail info@SAMTEC.com code 55322


DESCRIPTION:
RECTANGULAR PANEL BOARD MOUNT USB-B

DWG. NO.
RPBU-XX-X-B-XX-XX

BY: VICKY Z 03/29/2010 SHEET 1 OF 6

REVISION F

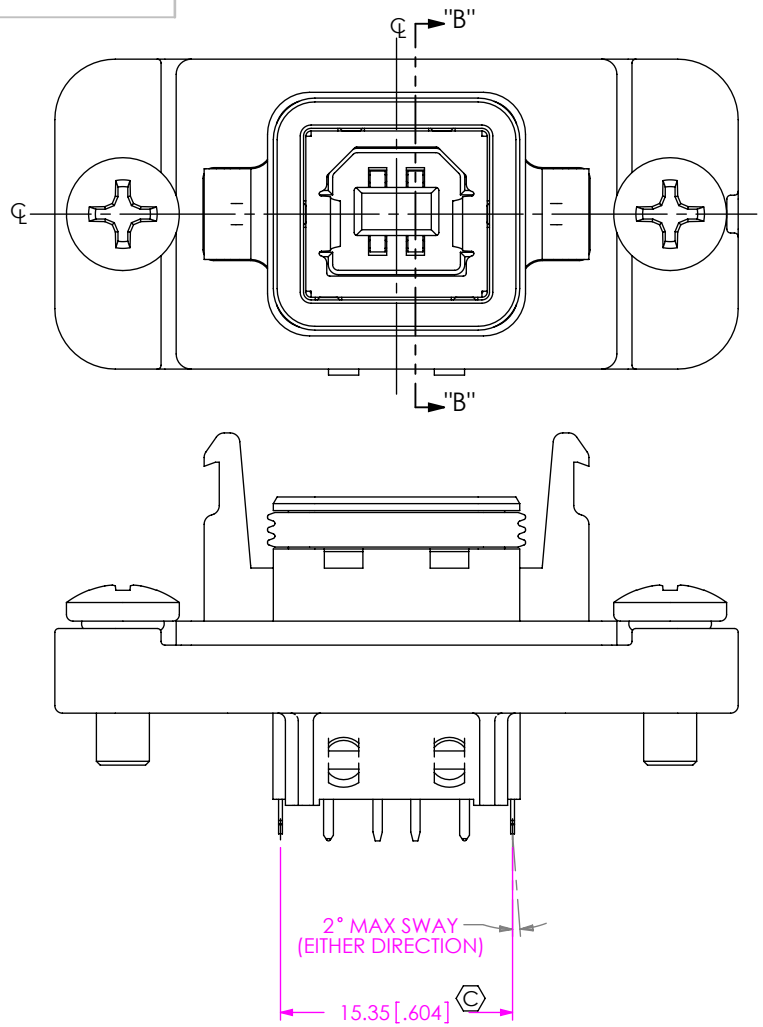
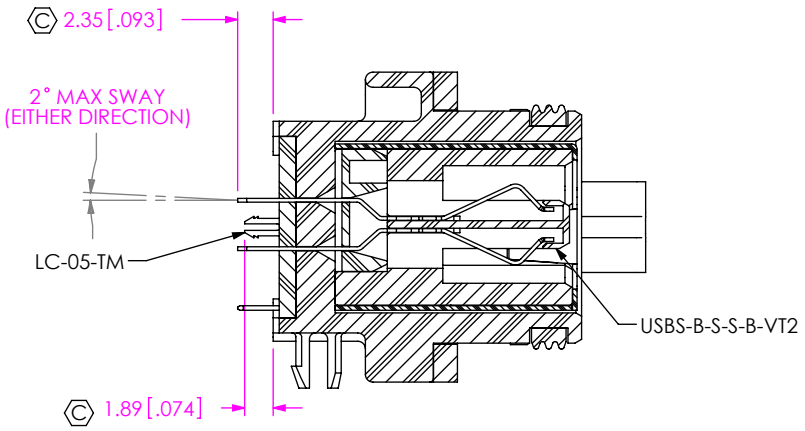
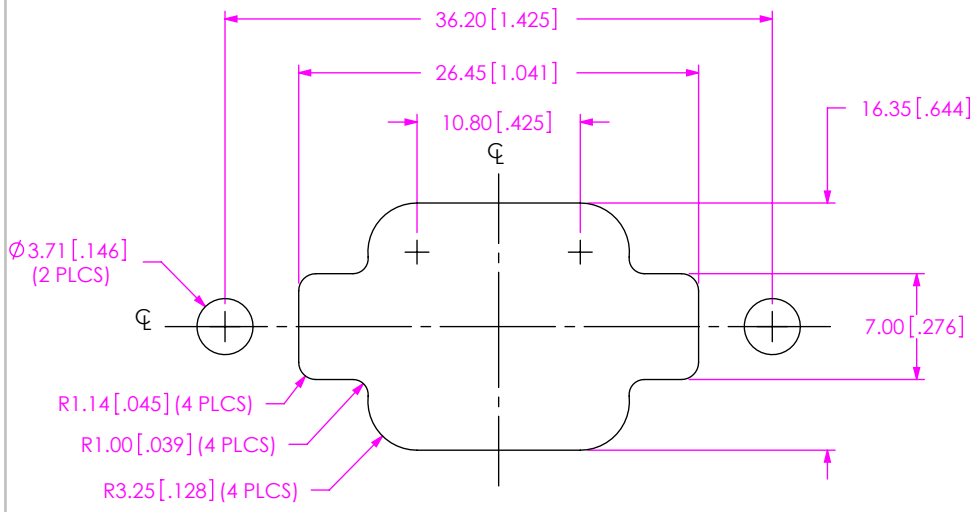



FIG 2
RPBU-01-X-B-VT-LC SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)




RECOMMENDED PANEL CUT OUT
(SEE NOTE 5)


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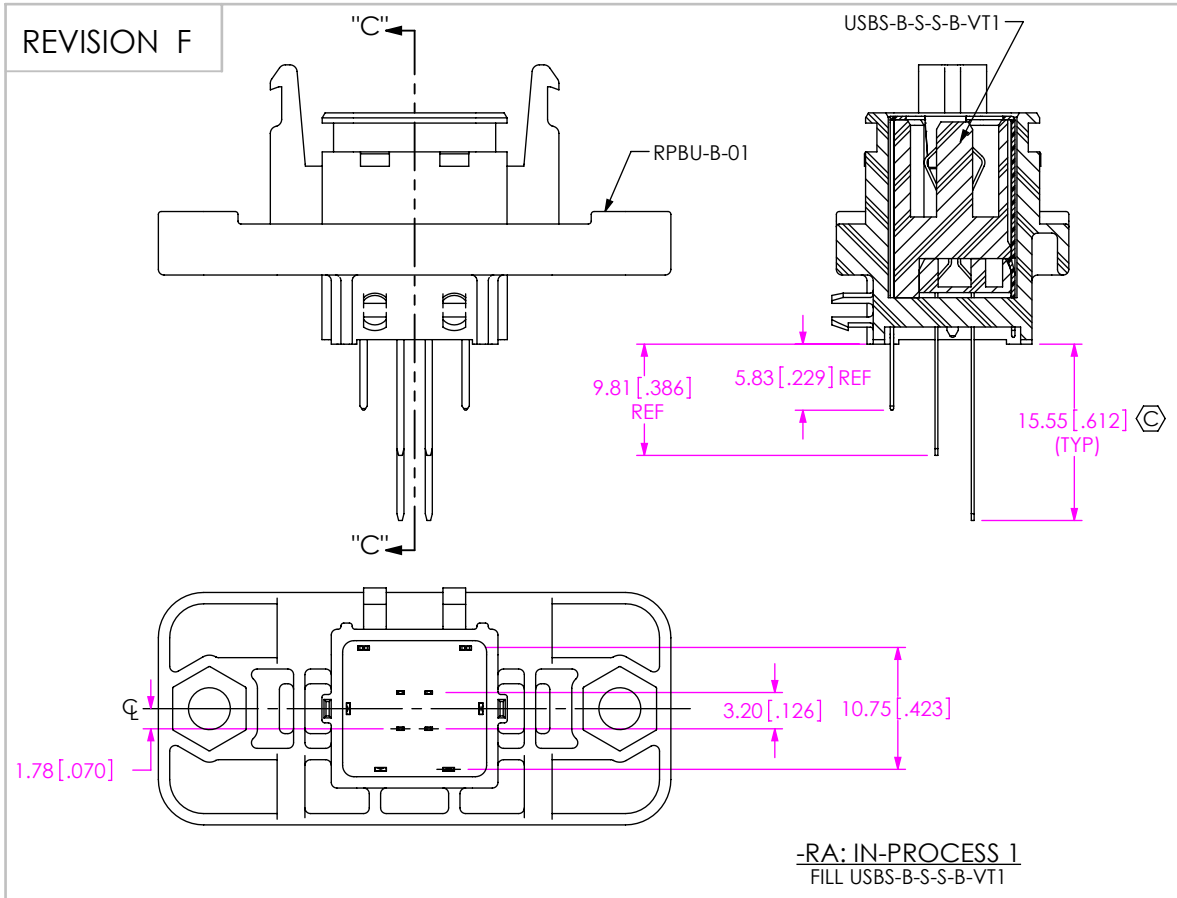

DESCRIPTION:
RECTANGULAR PANEL BOARD MOUNT USB-B

DWG. NO.
RPBU-XX-X-B-XX-XX

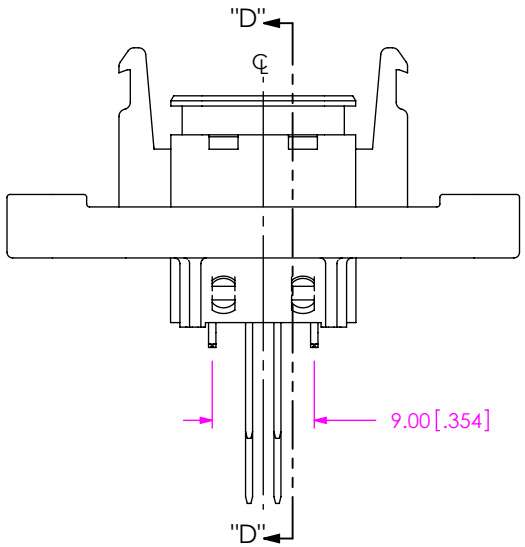
BY: VICKY Z 03/29/2010 SHEET 2 OF 6

F:\DWG\MISC\MKTG\RPBU-XX-X-B-XX-XX-MKT.SLDDRW

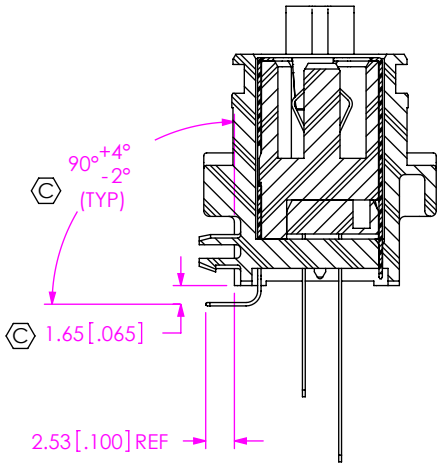
REVISION F



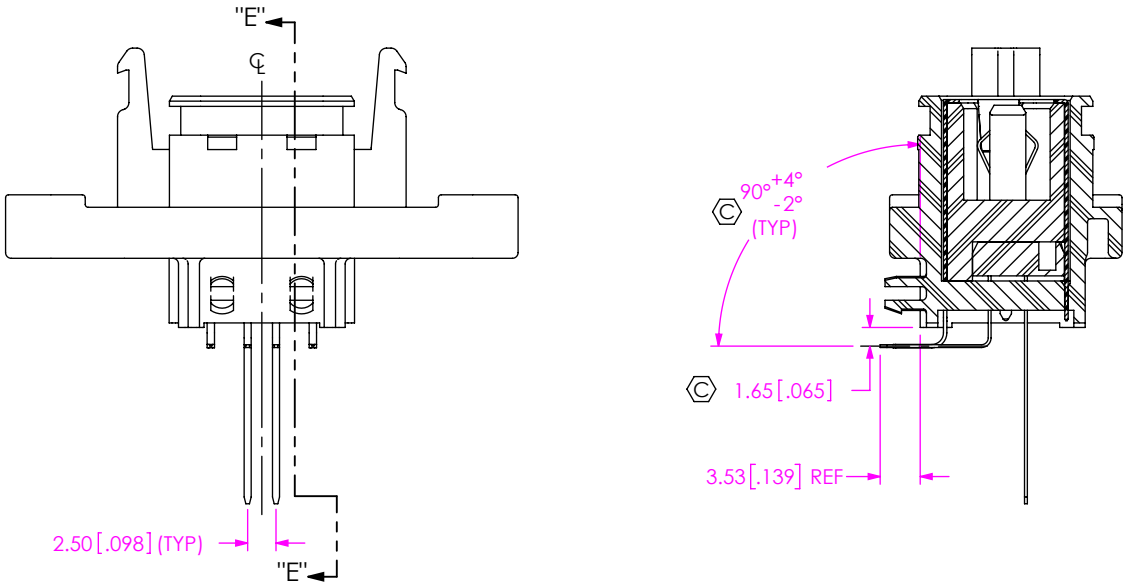

-RA: IN-PROCESS 1
FILL USBS-B-S-S-B-VT1




SECTION "C"-"C"




-RA: IN-PROCESS 2
FORM SHIELD TAILS ON USBS-B-S-S-B-VT1




-RA: IN-PROCESS 3
FORM 1ST ROW CONTACTS

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SHEET SCALE: 3:2

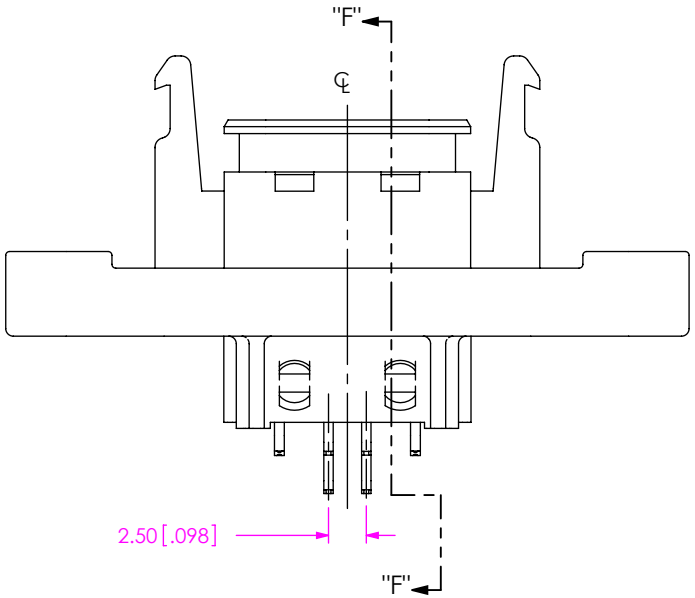

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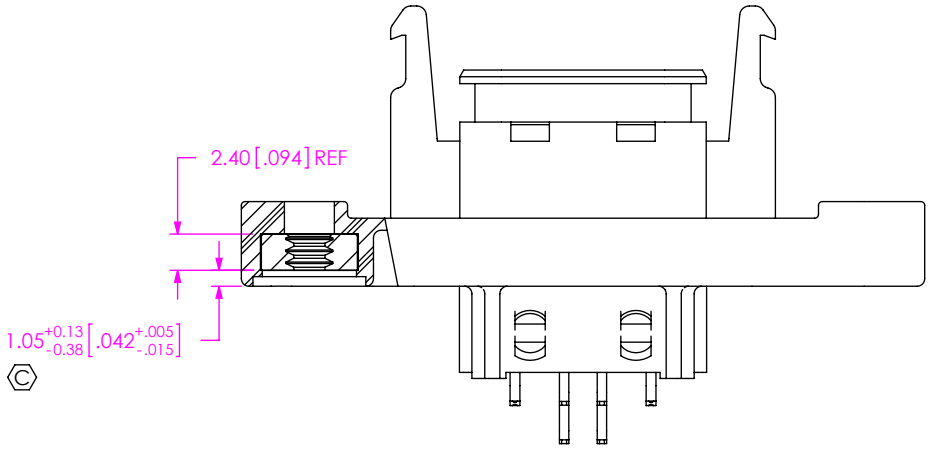

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RECTANGULAR PANEL BOARD MOUNT USB-B

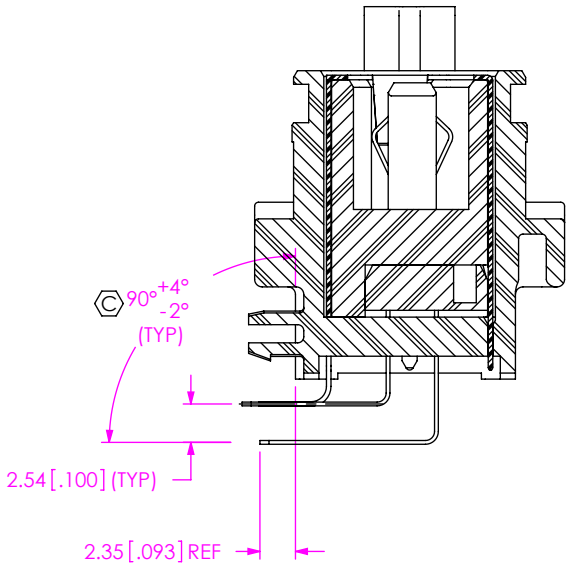
DWG. NO.
RPBU-XX-X-B-XX-XX

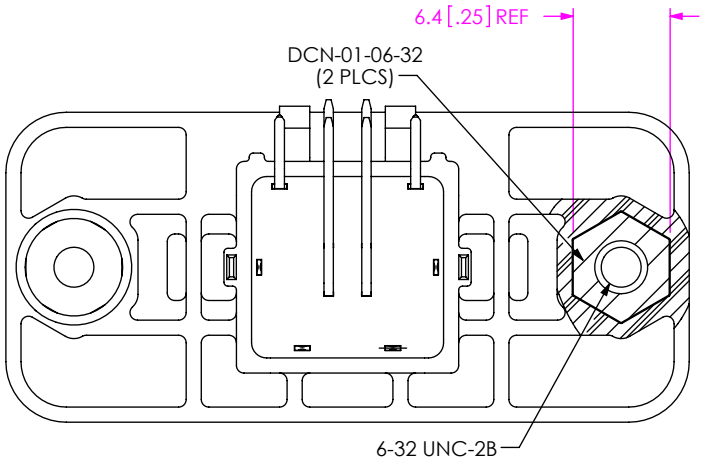
BY: VICKY Z 03/29/2010 SHEET 3 OF 6

REVISION F




-RA: IN-PROCESS 5
FILL DCN-01-06-32 & HEAT STAKE

SECTION "F"-"F"

-RA: IN-PROCESS 4
FORM 2ND ROW CONTACTS


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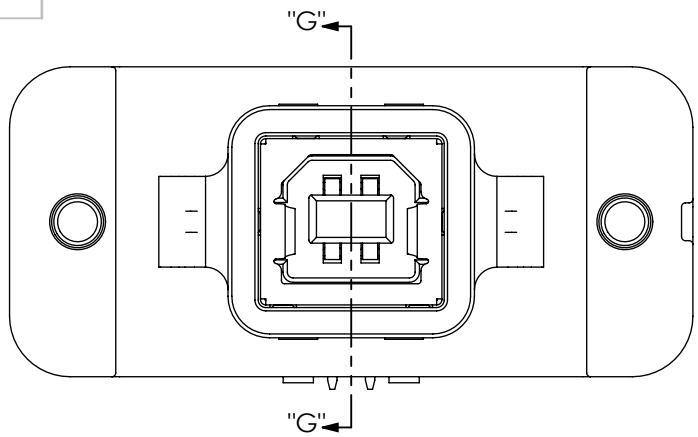

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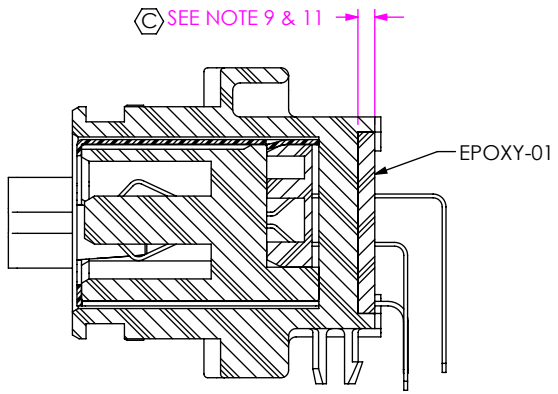
DWG. NO.
RPBU-XX-X-B-XX-XX

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F:\DWG\MISC\MKTG\RPBU-XX-X-B-XX-XX-MKT.SLDDRW

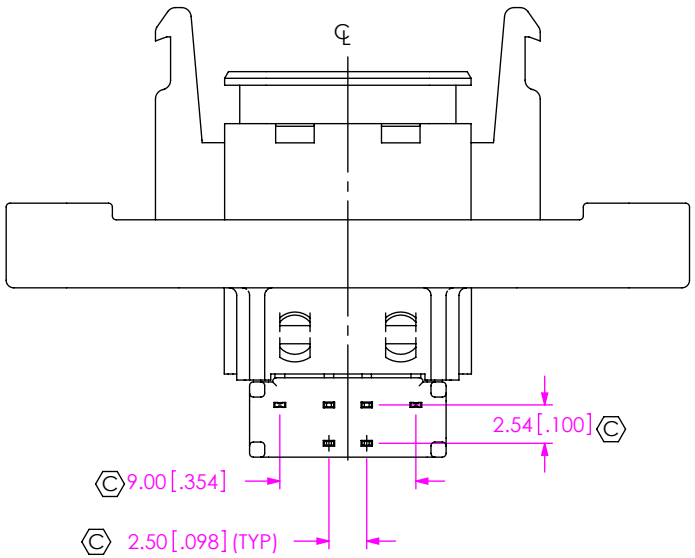
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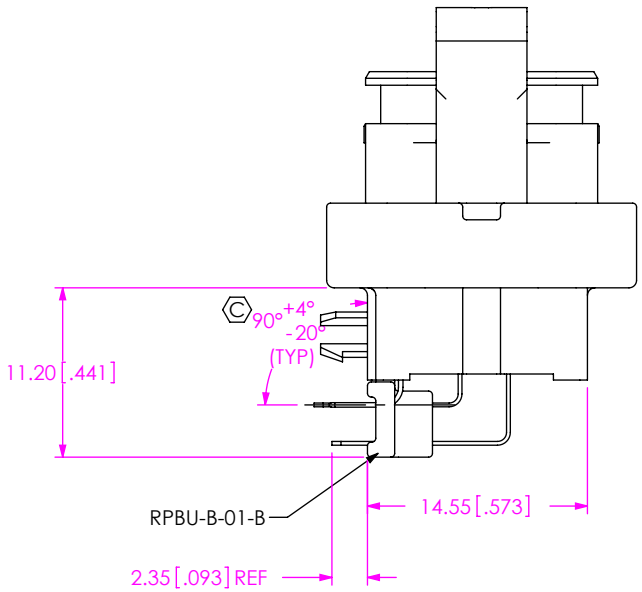



SECTION "G"-

-RA: IN-PROCESS 6
FILL EPOXY-01




-RA: IN-PROCESS 7
ADD RPBU-B-XX-B


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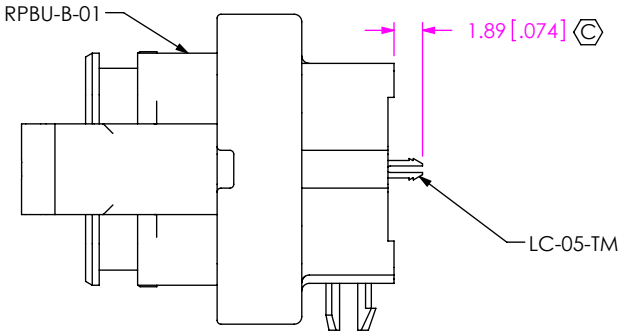

DESCRIPTION:
RECTANGULAR PANEL BOARD MOUNT USB-B

DWG. NO.
RPBU-XX-X-B-XX-XX

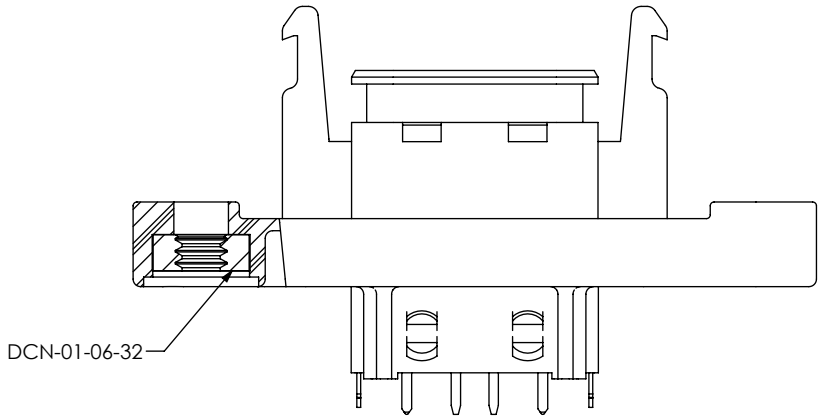
BY: VICKY Z 03/29/2010 SHEET 5 OF 6

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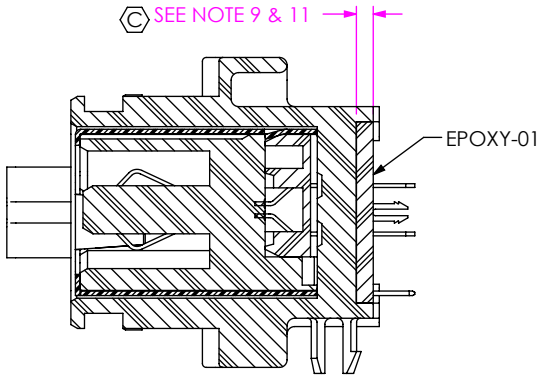
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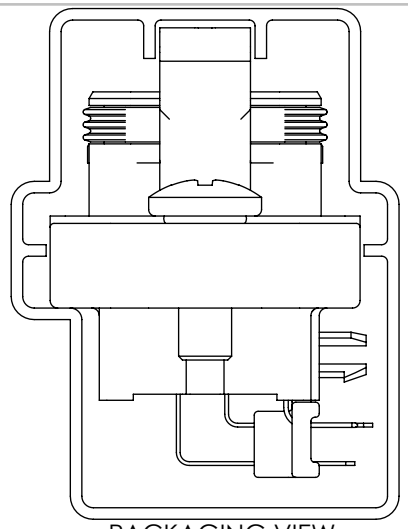

-VT: IN-PROCESS 1
FILL LC-05-TM




-VT: IN-PROCESS 3
FILL DCN-01-06-32 & HEAT STAKE
(SAME AS -RA: IN-PROCESS 5, EXCEPT AS SHOWN)



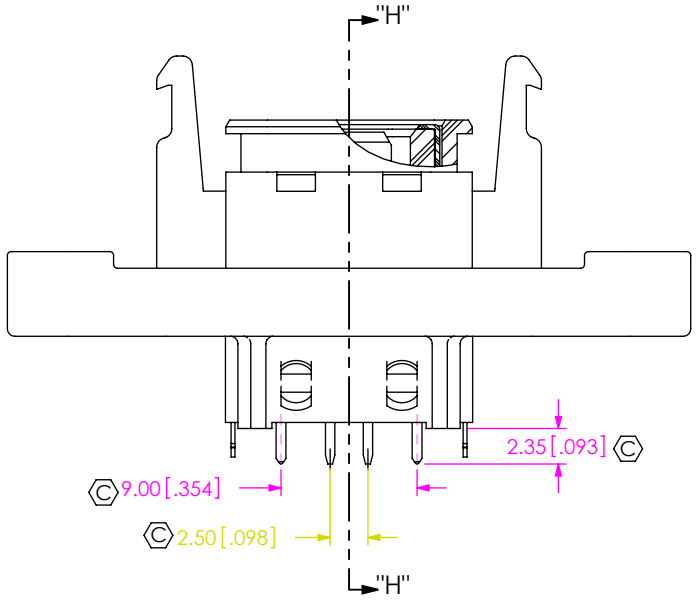

-VT: IN-PROCESS 4
FILL EPOXY-01
(SAME AS -RA: IN-PROCESS 6, EXCEPT AS SHOWN)

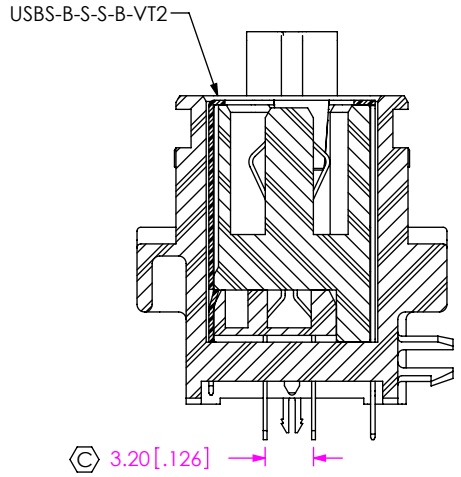


PACKAGING VIEW
(SEE NOTE 7)

TUBE: PT-RPBU002
PLUG: TP-50

F:\DWG\MISC\MKTG\RPBU-XX-X-B-XX-XX-MKT.SLDDRW




-VT: IN-PROCESS 2
FILL USBS-B-S-S-B-VT2
(SAME AS -RA: IN-PROCESS 1, EXCEPT AS SHOWN)

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DESCRIPTION:
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IPBT-103-H1-T-S-RA-K CLM-104-02-F-D-BE FTSH-110-01-L-D-K IPBS-115-01-T-D-GP MMT-110-01-L-DH
TSW-111-07-G-D CES-108-02-T-S ERF8-035-05.0-L-DV-K-TR FJ-15-D-15.75-4 PCIE-164-02-F-D-TH
FTE-110-01-G-DV SQT-110-01-L-S-RA TSDF-03-S-S MMS-114-02-L-DV SEAF-20-06.5-S-06-2-A-K-TR
SLM-118-01-G-S CES-112-01-T-S FTS-102-02-F-DV-TR LSS-140-01-L-DV-A BBL-102-T-E ISDF-06-S-R
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