

BY SIGNING THIS DOCUMENT  
YOU ARE ACCEPTING THE  
CONDITIONS SET WITHIN.  
YOUR REQUIREMENTS MUST BE  
LISTED WITHIN THIS DRAWING.  
WHERE NO DIRECTION FROM  
CUSTOMER IS IDENTIFIED  
SAMTEC'S PROCESS  
REQUIREMENTS WILL BE USED.

DATE: \_\_\_\_\_  
COMP: \_\_\_\_\_  
CUSTOM: \_\_\_\_\_  
PRINTED: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EXCEPT: \_\_\_\_\_

DATE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 CUSTOMER SIGNATURE: \_\_\_\_\_  
 PRINTED NAME: \_\_\_\_\_  
 PHONE No: \_\_\_\_\_  
 EXCEPTIONS: \_\_\_\_\_

DATE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

CUSTOMER SIGNATURE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

PHONE NO: \_\_\_\_\_

EXCEPTIONS: \_\_\_\_\_

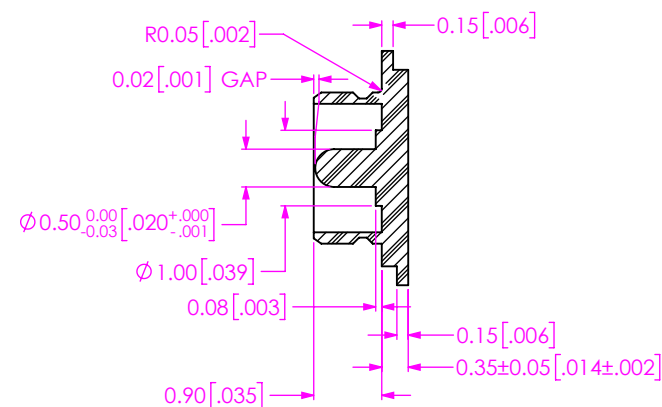
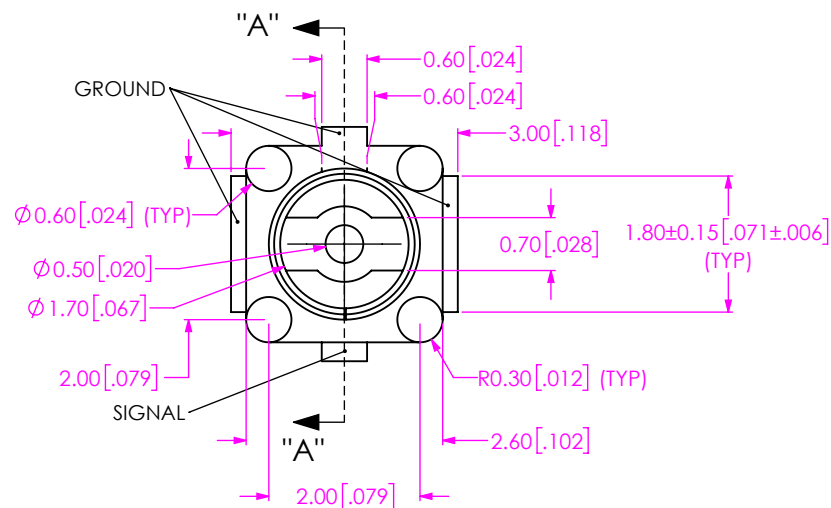
NOTES:

1. NOT AVAILABLE AS STANDARD.
2. © REPRESENTS A CRITICAL DIMENSION.
3. PARTS TO BE PACKAGED IN TAPE & REEL.
4. QUANTITIES UNDER 5000 PCS WILL BE SHIPPED IN POCKETS WITH COVER TAPE BUT NOT ON A REEL.
5. ROHS COMPLIANT.
6. MINIMUM CONTACT RETENTION FORCE : 0.4 N

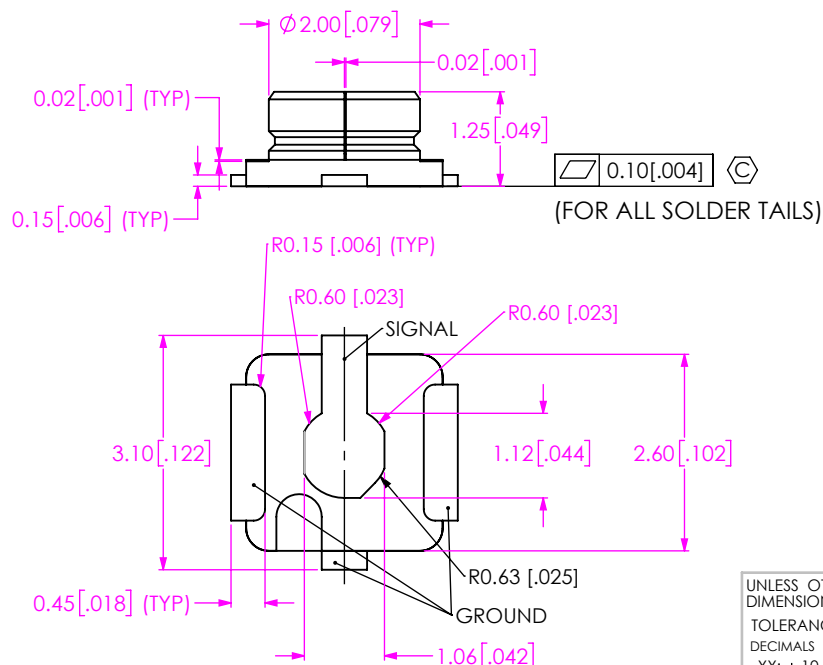
DO NOT  
SCALE FROM  
THIS PRINT

## ELECTRICAL RATINGS

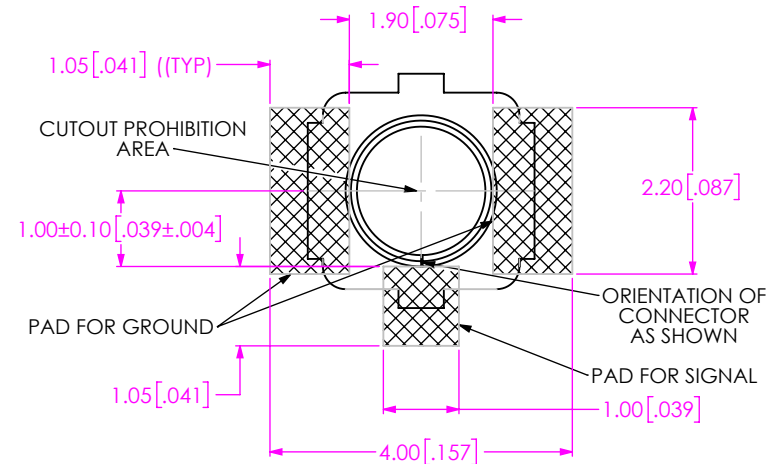
|                      |               |
|----------------------|---------------|
| IMPEDANCE            | 50 $\Omega$   |
| RATED VOLTAGE        | 60 V AC (RMS) |
| RATED FREQUENCY      | DC TO 6 GHz   |
| OPERATING TEMP RANGE | -40C to 90C   |
| OPERATING HUMIDITY   | 90% OR LESS   |



SECTION "A"-"A"



## RECOMMENDED P.C.B LAYOUT



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS  
 .XX:  $\pm .10$   
 .XXX:  $\pm .05$

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail [info@SAMTEC.com](mailto:info@SAMTEC.com) code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 10:1

DESCRIPTION:

## I-PEX MHF I CONNECTOR RECEPTACLE

DWG. NO.

RSP-122811-01

BY: TIM P.

03/17/2006

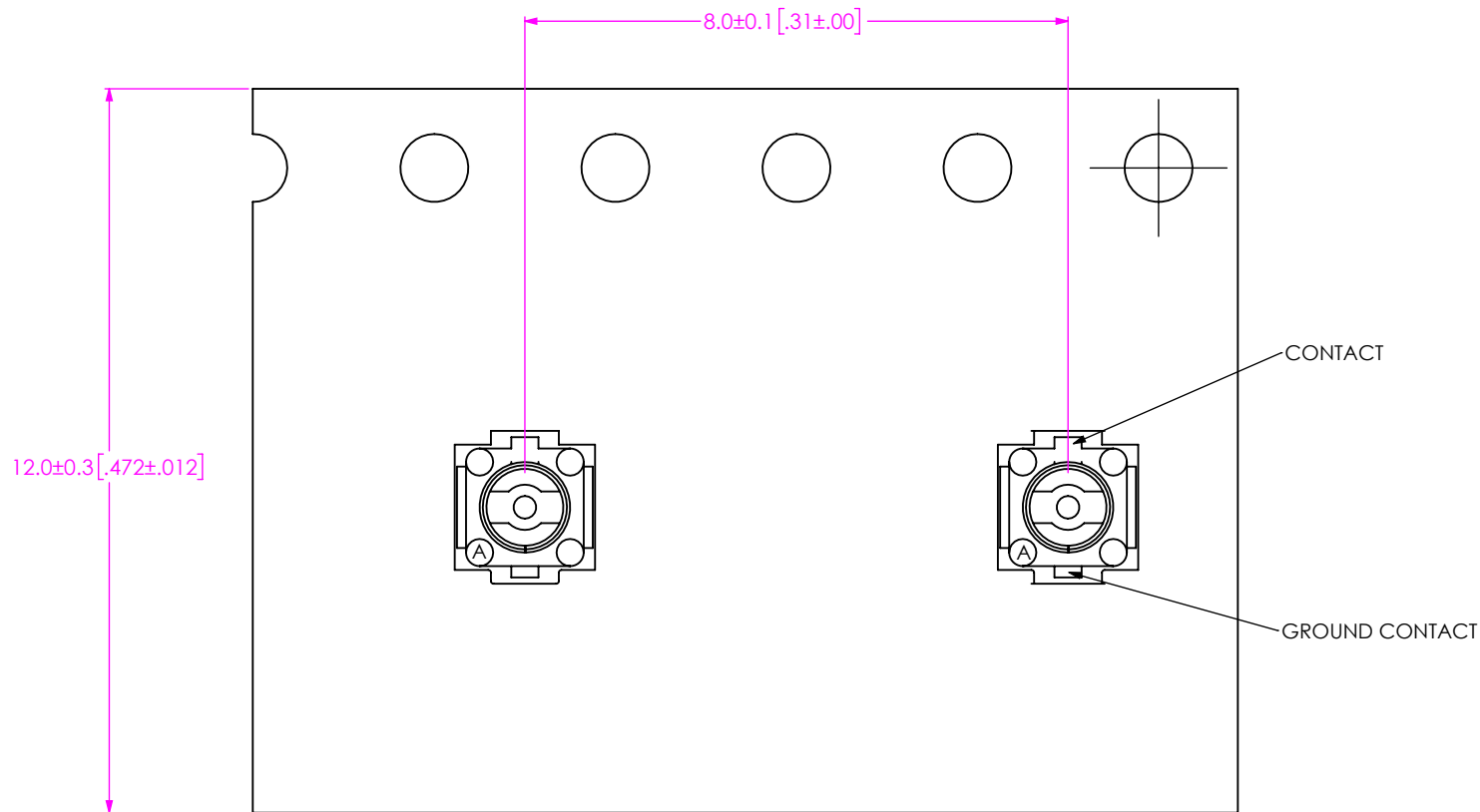
SHEET 1 OF 2

MATERIAL:  
SHELL & CENTER CONTACT: COPPER ALLOY

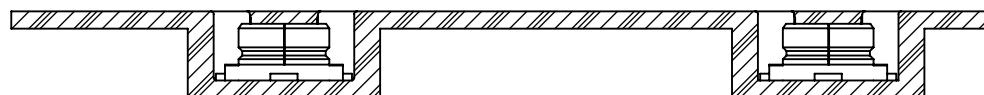
HOUSING: LCP, UL 94 V-0

c:\enterprisevault\DWG\MISC\MKTG\RSP-122811-01-MKT.SLDDRW

| ITEM NO. | PART NUMBER   |
|----------|---------------|
| 1        | RSP-122811-01 |



USER DIRECTION OF UN-REELING →  
POCKET NOT DETAILED



PACKAGING VIEW

**PROPRIETARY NOTE**

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

SHEET SCALE: 6:1

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
I-PEX MHF I CONNECTOR RECEPTACLE

DWG. NO.  
**RSP-122811-01**

BY: JIM P. 03/17/2006 SHEET 2 OF 2