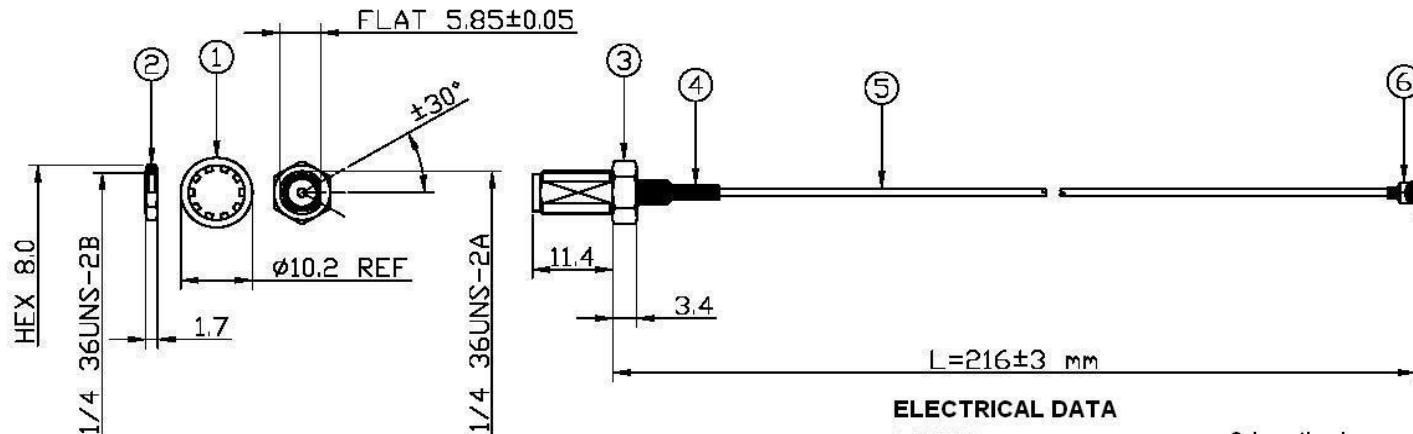


RoHS COMPLIANT

REVISIONS

| ZONE | REV | DESCRIPTION    | DATE       | APPROVED         |
|------|-----|----------------|------------|------------------|
|      | 1   | INITIAL DESIGN | 2008/09/10 | Kevin Kibben-Kee |



ELECTRICAL DATA

1. VSWR:

|        |          |
|--------|----------|
| 900MHz | : 1.0758 |
| 1.8GHz | : 1.1069 |
| 2.4GHz | : 1.1508 |
| 3.0GHz | : 1.1197 |

3. Insertion loss:

|        |             |
|--------|-------------|
| 900MHz | : - .4934dB |
| 1.8GHz | : - .6824dB |
| 2.4GHz | : - .7853dB |
| 3.0GHz | : - .8740dB |

2. Return loss:

|        |              |
|--------|--------------|
| 900MHz | : - 28.752dB |
| 1.8GHz | : - 25.886dB |
| 2.4GHz | : - 23.061dB |
| 3.0GHz | : - 24.948dB |

4. Impedance: 50 ohm

Note: 1 ) THE ORENTATION SHOULD BE SAME AS SHOW.  
2 ) WASHER AND NUT SHOULD BE BULK PACKED SEPERATE FROM CABLE ASSEMBLY.

**bec** Bobbintron Electrical Corp.  
www.bobbintron.com

TITLE  
SMA bulk Jack + 1.13L216 + I-PEX

|                                                            |                           |              |                                       |
|------------------------------------------------------------|---------------------------|--------------|---------------------------------------|
| DWG NO.<br>080910-03                                       | CUSTOMER P/N<br>45009575L | UNIT<br>mm   | REV.<br>1                             |
| GENERAL TOLERANCES<br>X NA<br>XX NA<br>XXX NA<br>ANGLES NA |                           | SCALE 1 : 1  | APPROVALS                             |
|                                                            |                           | SIZE A4      | DRAWN BY: Kevin Kibben-Kee 2008/09/10 |
|                                                            |                           |              | CHKO BY: Kevin 2008/09/10             |
| (UNLESS OTHERWISE SPECIFIED)                               |                           | SHEET 1 of 1 | APPD BY: Jared 2008/09/10             |

|    |                               |      |               |
|----|-------------------------------|------|---------------|
| 06 | I-PEX MHF Plug                | 1    | 20278-111R-13 |
| 05 | 1.13-MIT coaxial cable (Gray) | 1    |               |
| 04 | Heatshrink                    | 1    |               |
| 03 | SMA ST bulk Jack              | 1    |               |
| 02 | Nut                           | 1    |               |
| 01 | Washer                        | 1    |               |
| NO | DESCRIPTION                   | Q'TY | DRAWN NO.     |