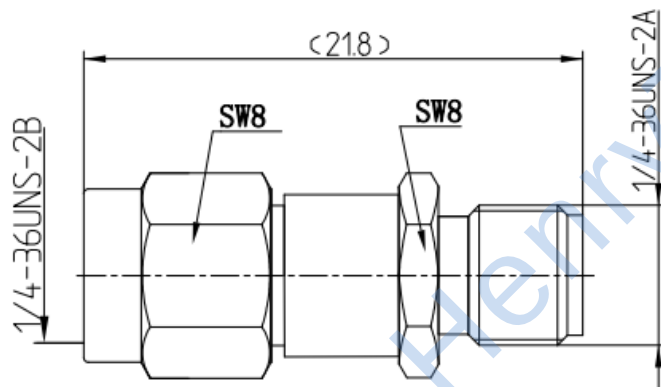


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| REV | DESCRIPTION OF REVISION | ECN NO. | BY    | DATE     | APPROVED |
|-----|-------------------------|---------|-------|----------|----------|
| A   | Initial Release         | —       | H.wei | 19/03/17 | 19/03/17 |



### 1 Electrical

- 1.1 Impedence 50  $\Omega$
- 1.2 Frequency DC ~18GHz
- 1.3 VSWR 1.30:1 Maxi
- 1.4 Power Input: 2Watt

### 2 Attenuation Accuracy

- 2.1 1~10dB  $\pm 0.6$ dB
- 2.2 20dB  $\pm 0.8$ dB
- 2.3 30dB  $\pm 1.0$ dB

### 3 Materials&plating

- 3.1 Body: Stainless Steel, Passivated
- 3.2 Contact Pin: Beryllium coipper/Brass, gold plated
- 3.3 Insulator: Teflon

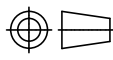
### 4 Environmental&Mechanical

- 4.1 Temperature range  $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.2 RoHs Compliant

Web:www.hltchips.com

### Notes:

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                                                                                                    |                                                                          |                                                                                                                     |            |            |        |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------|------------|--------|
| DRAWN: H.wei 19/03/17                                                                                              | TITLE:<br>RF Attenuator<br>SMA Male to Female<br>Attenuator Power 2Watts |                                |            |            |        |
| ENGINEER: L.yu 19/03/17                                                                                            |                                                                          |  DIMENSION IN MILLIMETERS (mm) |            |            |        |
| APPROVED: W.yi 19/03/17                                                                                            |                                                                          | SIZE: A4                                                                                                            | SCALE: N/A | SHEET: 1/1 | REV: A |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$<br>.X $\pm 0.20$<br>.XX $\pm 0.10$<br>ANGLES $\pm 1^{\circ}$ | PART NO: HL-SMAMF-2-18G-1-30                                             |                                                                                                                     |            |            |        |