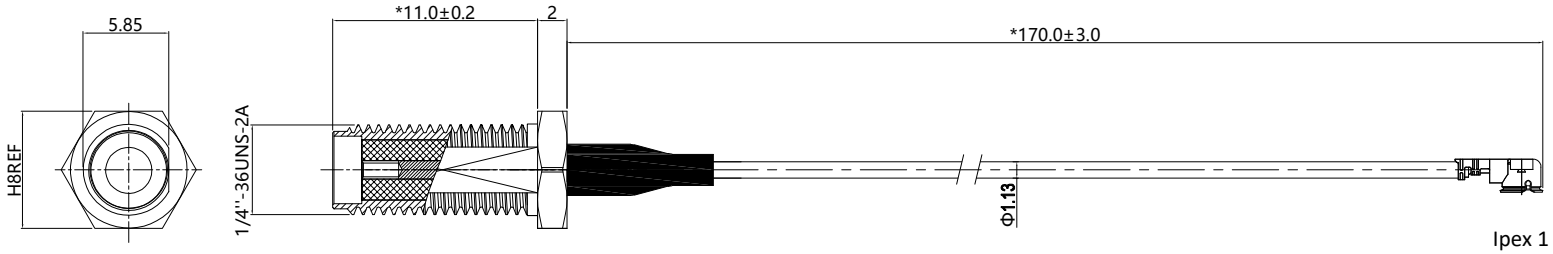
| REV. | DESCRIPTION | APPD. | DATE |
|---|---|---|---|
| A | INITIAL RELEASED | Chen | 2021/07/20 |




RP-SMA FEMEA

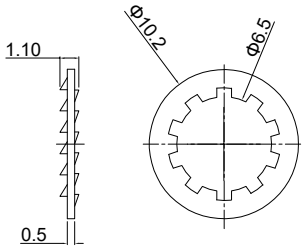
Ipex 1

TYPICAL SPECIFICATIONS

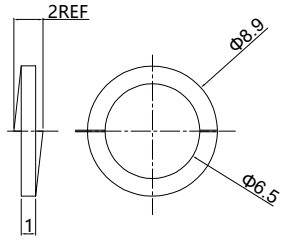
1.0.ELECTRICAL
- 1.1.FREQUENCY RANGE: DC-6GHZ
- 1.2.NOMINAL IMPEDANCE: 50 Ohm
- 1.3.WORKING VOLTAGE:335V MAX.
- 1.4.PROOF VOLTAGE:750V
- 1.5.VSWR:1.4 MAX.

2.0.MECHANICAL
- 2.1.TORSIONAL:15IN-1BS MIN.
- 2.2.PLUGGABLE:500

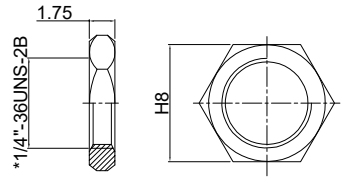
3.0.ENVIRONMENTAL
- 3.1.OPERATING TEMPERATURE RANGE: -55℃ TO +125℃
- 3.2.SALT SPRAY:48HOURS
- 3.3.RoHS COMPLIANT
- 3.4.REACH COMPLIANT



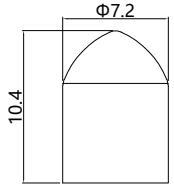

Accessory 1



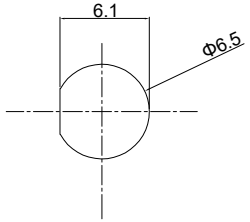

Accessory 2




Accessory 3




Accessory 4




Recommended mounting hole sizes

| 同轴电缆技术规格 | | |
|---|---|---|
| Construction Specification / 结构尺寸 | | |
| Item/项目 | Material/材料及工艺 | Diameter/直径(mm) |
| 1.Inner conductor/内导体 | Tinned copper/ 镀锡铜 | φ0.24±0.01 |
| 2.Dielectric/绝缘介质 | FEP | φ0.68±0.02 |
| 3.Outer Conductor/外导体 | Silver-Plated Copper Wire Braiding/镀银铜丝编织 | φ0.92±0.05 |
| 4.Jacket/护套 | PVC/黑色 | φ1.13±0.05 |
| Electrical Properties (at 20℃) /电气特性(20℃) | | |
| 项目/Item | 单位/Unit | 详细资料/Details |
| 导体电阻/Conductor Resistance | Ω/km | 588.85 OHM |
| 耐压强度(AC)/Dielectric Strength(AC) | V/1 Min | 1000 |
| 特性阻抗/Impedance | ohm | 50±2(at 1ns@TDR ) |
| 驻波比 Standing wave ratio | / | ≦1.3@0-6GHz |
| 衰减 Attenuation | 频率 Frequency | 标准值 Standard vaalue 单位 Unit:dB/m |
| | 1GHz | ≤2.32 |
| | 2GHz | ≤3.27 |
| | 3GHz | ≤4.01 |
| | 4GHz | ≤4.64 |
| | 5GHz | ≤5.17 |
| | 6GHz | ≤5.69 |

| Number | Component Name | Material | Dosage |
|---|---|---|---|
| ⑥ | Nut | C3604 Gold plating 1u" | 1 |
| ⑤ | Elastic gasket | C3604 Gold plating 1u" | 1 |
| ④ | Shichi Huasi | C3604 Gold plating 1u" | 1 |
| ③ | IPEX 1 | C5210 Gold plating 1u" | 1 |
| ② | Spiral tooth body | C3604 Gold plating 1u" | 1 |
| ① | PIN | C3604 Gold plating 2u" | 1 |

DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED
TOLERANCES
ANGLES = ±3°
UP TO 6 = ±0.1
6-40 = ±0.2
40-120 = ±0.6
120-315 = ±1.0
ABOVE 315 = ±1.6

CUS P/N: ACA-SMA-K TO IPEX1 001

PART NO.: M00-0101680R0A

APPD:

CHKD:

DR:

ABOOSTY 爱比速

TITLE: Adapter cable

DWG NO.:

| SCALE | SHEET | REV. |
|---|---|---|
| 1:1 | 1/1 | V01 |