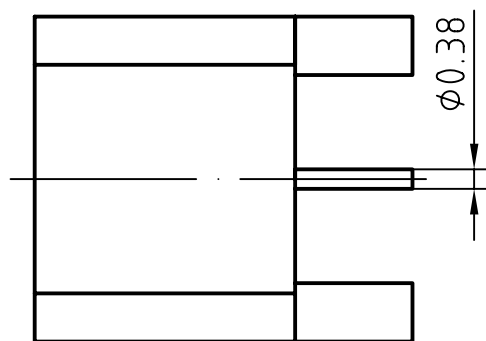
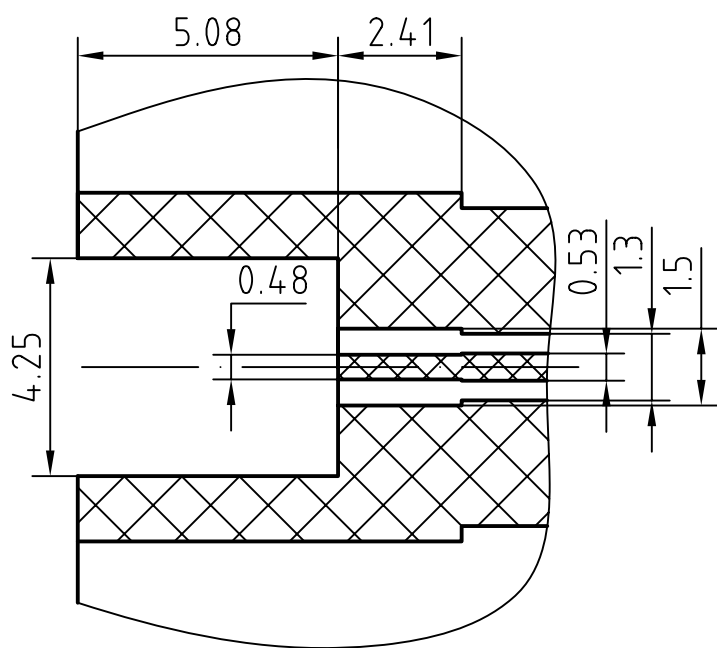
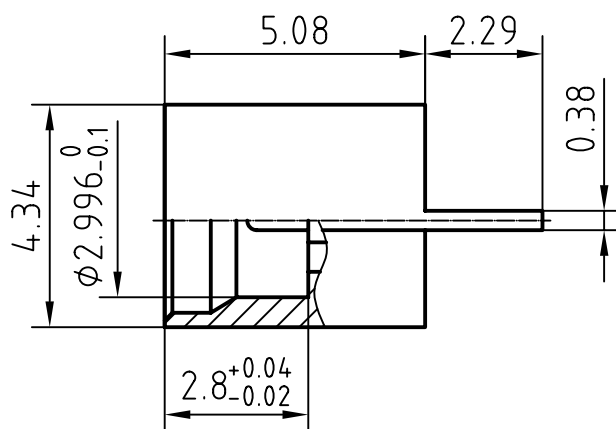
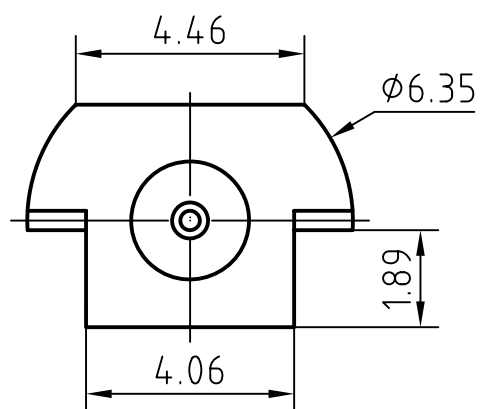


DRAWING



3	1	Body Brass/Gold plated			Gold 0.5um over Nickel 2.0um	
2	1	Insulator PTFE				
1	1	Center contact Brass/Gold plated			Gold 1.27um over Nickel 2.0um	
Designed by		Checked by	Approved by – date	File name	Date	Scale

Amitron Electronics, Ltd.

SMP(S)-JHTC

<http://www.amel.ru>

Edition

Sheet

CHARACTERISTICS

DESCRIPTION:

SMP Type male edge mount connector (SMOOTH BORE)

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 26.5 GHz
Return loss:	$\geq 30\text{dB}$, DC-4GHz $\geq 20\text{dB}$, 4-12GHz $\geq 18\text{dB}$, 12-26.5GHz
Insertion loss:	$\leq 0.12 \times \sqrt{f[\text{GHz}]}$ dB
Insulation resistance:	$\geq 5000\text{M}\Omega$
Test voltage:	500 V rms
Working voltage:	335 V rms
Contact resistance:	
1). Centre contact:	6.0 m Ω
2). Outer conductor:	2.0 m Ω

Environmental data:

Temperature rating:	-65 ° C to +165 ° C
2002/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	
- if mating part is smooth bore:	≥ 1000
- if mating part is limited detent:	≥ 500
- if mating part is full detent:	≥ 100
Center contact captivation:	$\geq 7 \text{ N(axial)}$
Engagement force:	
- smooth bore:	$\leq 9 \text{ N.}$
- limited detent:	$\leq 45 \text{ N.}$
- full detent:	$\leq 68 \text{ N.}$
Disengagement force:	
- smooth bore:	$\geq 2.2 \text{ N.}$
- limited detent:	$\geq 9 \text{ N.}$
- full detent:	$\geq 22 \text{ N.}$