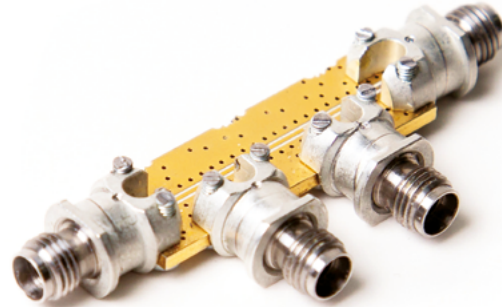


## PKM1-32 and PKM1-50 coaxial-to-microstrip adapters

### Description and purpose

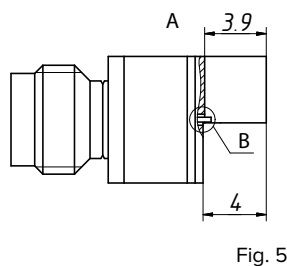
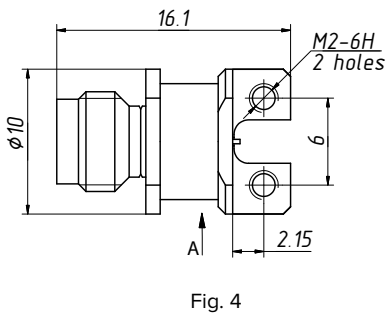
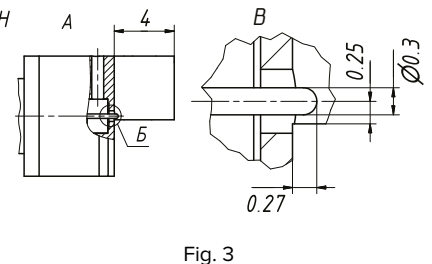
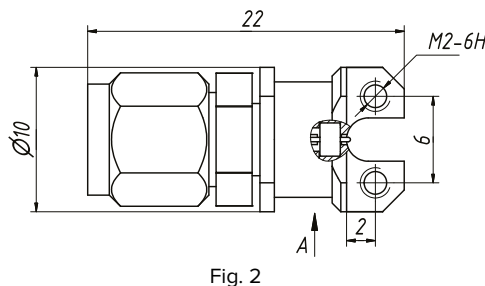
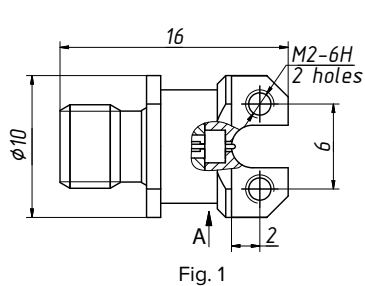
PKM1-32 and PKM1-50 coaxial-to-microstrip adapters are designed to input/output signals to/from printed-circuit boards. The adapters are mounted on PCB with two mounting holes. PKM1-32 is used in combination with MK100M hermetic seal. The central conductor is plated with wear-proof gold. Body of outer conductor of coaxial connector is made of stainless steel. Adapter design and used materials provide low loss and reflection level, high parameter stability for at least 3000 connect/disconnect cycles in 3.5/1.52 mm path and 2000 cycles in 2.4/1.04 mm path. Operating frequency range is from  $-60\text{ }^{\circ}\text{C}$  to  $+110\text{ }^{\circ}\text{C}$ . Screws and square washer (optional) are included.



### Specifications

Model	Connector	Frequency range, GHz	VSWR, max.	Insertion loss, dB, max.	Max. current, A (max. oper. voltage, V)	Fig.
PKM1-32-03R-0.3P	Type IX, ver. 3 (female)	0 ... 32	1.25	1	0.5 (100)	1.3
PKM1-32-13R-0.3P	3.5 mm (female)					
PKM1-32-03-0.3P	Type IX, ver. 3 (male)					2.3
PKM1-32-13-0.3P	3.5 mm (male)					
PKM1-50-05R-0.3P	2.4 mm (female)	0 ... 50	1.3			4.5

### Dimensions



### Ordering example

- PKM1-32-03R-0.3P Coaxial-to-microstrip adapter, panel mounted, with metric thread, type IX, ver. 3 (female) connector.