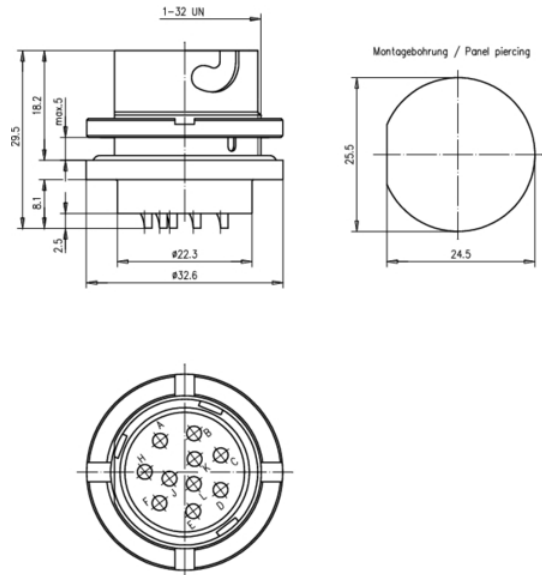


order number: J00050A0587

LF jack receptacle



Technical Attributes	
MIL-Std.	U-79/U
Nato-No.	5935-12-187-2716

Product description

The 10-way LF connectors according to MIL-C-10544 are mainly used in communication equipments (e. g. for connecting handsets, headphones and microphones). It is a waterproof and bajonet locking system. The female connector is designed with double spring loaded contacts and the male connector with rigid contacts, both with solder terminals. The male connector block is designed with a double fixing feature against rotation.

Mechanical Characteristics	
Locking force	max. 277 Ncm
Delocking force	min. 46 Ncm
Contact force (all contacts)	max. 113 N
Vibration (10 Hz to 2.000 Hz)	100 m/s ²
Shock (11 ms duration)	500 m/s ²
Waterproof (pressure)	0.2 bar
Durability (mating cycles)	≥ 1.500

Material: contacts	CuZn38Pb1
Material: contact spring	CuBe2
Material: contact finish	Ag over CuNi / Rh over CuNi
Material: insulators	Melamin 150
Material: armatures	rust-resistant or POM
Material: gaskets	rubber

Climatic Characteristics	
Tested / classified in accordance with DIN IEC 60068-1	55/085/10

Electrical Characteristics	
Contact resistance	
Insulation resistance	≥ 200 MΩ
Voltage proof	500 V _{eff} /50 Hz
Working voltage a.c.	max. 50 V
Working current	max. 0.1 A