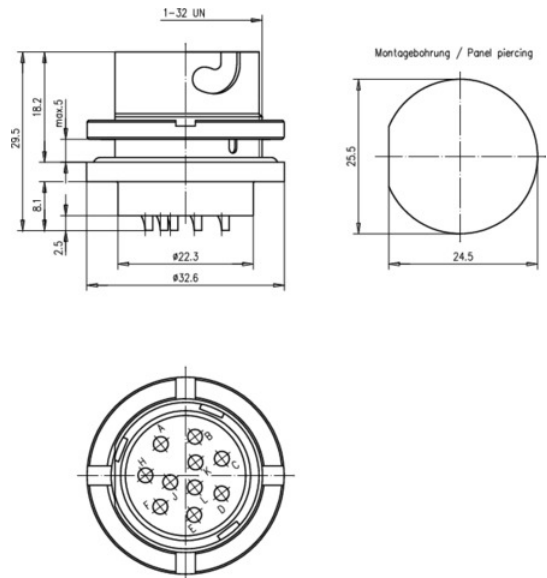


order number: J00050A0587

LF jack receptacle



Fig. may differ



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

Description of the Series/Product Category

Notice: The following information refer to the series/product category as a whole. Please see the specific datasheet for specific technical information of a particular product.

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	≥ 113.00 N
Shock (11 ms duration)	500 m/s ²

Waterproof (pressure)	0,2 bar
Durability (Matings)	≥ 1500
Material: contacts	CuZn38Pb1
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	
Insulation resistance	≥ 200 mΩ
Voltage proof	500 V _{eff} /50 Hz
Working voltage a.c.	max. 50 V