

## straight\_in\_line\_receptacle\_with\_break\_away\_and\_push\_pull\_locking

size: 1, IP50, keying: a, number\_of\_contacts: 6, solder\_cup, contact\_type: sockets, Signal



### Basic information

Part number	K11MA7-P06LFD0-3960
Category	connector
Type of connector	in_line_receptacle
Assembly situation	straight
Size	1

### Contact insert description

Special features	iec_60601_1_1_mopp_&_2_moop
Transmission type	Signal
Number of contacts	6
Contact type	sockets
Contact diameter	0.7 mm
Termination type	solder_cup
Termination diameter	0.65 mm
Wire cross section AWG	AWG 26

### Technical information

Nominal current single contact	6 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	4.5	VDE 0298-4:2003
Test voltage	1.1 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	0.85 mm (Contact to housing)	
Max. creepage distance (contact to housing)	IEC 60601-1: 1MOPP, 2MOOP*	
Max. clearance distance (contact to contact)	0.85 mm (Contact to contact)	
Max. clearance distance (contact to housing)	IEC 60601-1: 1MOPP, 2MOOP*	

## Cable description

Cable outlet	back_nut
Min. cable diameter	2.7
Max. cable diameter	3.9

## Mechanical and environmental data

Locking principle	break_away , push_pull
Keying	coding_40°
Mating cycles	2.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	5.72 g

## Material and surface treatments

Material	psu_gray
Contact material	gold
Color option (Front or back nut)	blue

## Insulator materials MEDI-SNAP®

psu\_peek

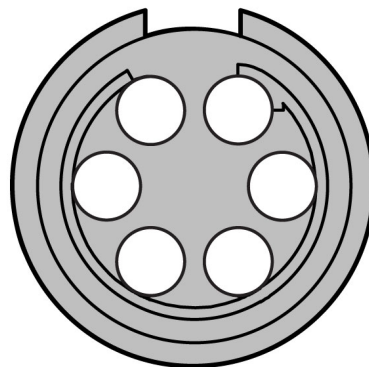
## DIMENSIONS



## CODING: 40°



## POSITIONS: 6 Positions



### Further technical information and downloads

[3D-File \(STP File\)](#)

[Assembly Instruction](#)