

Specifications	Vertical Jack	Locking Cable & Chassis Jack	M Jack	Slim Jack	Stacking Jack
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## Electrical

Contact resistance	- initial	< 10 mΩ	< 6 mΩ	< 15 mΩ	< 10 mΩ	-
	- Top row	-	-	-	-	< 15 mΩ
	- Bottom row	-	-	-	-	< 10 mΩ
Switch contact resistance	- for silver	-	-	< 30 mΩ	< 25 mΩ	-
	- for gold	< 15 mΩ	-	-	< 10 mΩ	-
	- Top row	-	-	-	-	< 15 mΩ
	- Bottom row	-	-	-	-	< 10 mΩ
Insulation resistance	≥ 1GΩ @ 500 V dc	●	●	●	●	●
Dielectric strength	1 kV dc	●	●	●	●	●
Rated current		3 A	10 A	3 A	3 A	3 A
Rated switch contact current		0.25 A @ 12 V	N/A	0.5 A @ 50 V	0.5 A @ 50 V	0.5 A @ 50 V

## Mechanical

Lifetime	> 10'000 cycles	●	●	●	●	●
Insertion / withdrawal force		< 10 N / > 8 N	< 20 N / < 20N	< 20 N / > 10 N	< 20 N / > 10 N	< 20 N / > 10 N
Cap opening torque		25 N cm / 9.84 N in	-	-	-	-
Locking force		-	> 80 N	-	-	-
Wire size		-	1 mm <sup>2</sup> / 18 AWG <sup>Ⓞ</sup>	-	-	-
Cable O.D. (FC6 only)		-	3.5 - 8.0 mm	-	-	-
Panel thickness		1.2 - 1.5 mm [0.047 - 0.06"]	-	-	-	-
	- Full nose type	-	-	< 3.0 mm	< 3.0 mm	-
	- Half nose type	-	-	< 1.0 mm	< 1.0 mm	-
	- Chrome nose	-	-	< 4.7 mm	-	-
	- NSJ*HL	-	-	-	-	1.0 - 1.6 mm
	- NSJ*HC	-	-	-	-	> 1.0 mm

## Material

Shell / Handle		PA 6.6 30% GR	ZnAl4Cu1	PA 6.6 15% GR	PA 6 15% GR	PA 6 15% GR
	- FP6P	-	Ni or black	-	-	-
Insulation		-	PA 6.6 30% GR	-	-	-
Contacts		CuSn6	CuBe2/CuZn37 (ground)	Ni-Silver	CuSn6	CuSn6
Contact surface		0.2 μm Au	2 μm Ag	-	gal 2 μm Ag / 0.2 μm Au	gal 2 μm Au
Cap / Nut / Washer		POM	-	PA 6.6 15% GR	PA 6.6 15% GR	PA 6.6 15% GR
Ring Nut		-	-	-	Brass (Ni plated)	Brass (Ni plated)
Chuck		-	POM	-	-	-
Bushing		-	PA 6.6 15% GR + PUR	-	-	-
Temperature range	-25°C to +70°C	●	●	●	●	●

Ⓞ... max. for soldering tag

## Environmental

Solderability complies with IEC 68-2-20		●	●	●	●	●
Standard Compatibility						
EIA RS 453 + IEC 60603-11	NJ*FD		●	●	●	●
B-GAUGE BPO 316, MIL-J-641/3	NJ*TB		-	-	-	-

### Circuits:

