



### NJ3FP6C Series

This series of panel mount 1/4" locking jacks with solder terminations is made to mount in the same hole cutout as our "D" and NL4MP series of panel mount receptacles. Options include a plastic shell and FastOn® solder tabs versions. Contact factory for ordering information.

Part drawings are available courtesy of [www.Neutrik.com](http://www.Neutrik.com). For additional drawings, please contact [NeutrikUSA](http://NeutrikUSA).

ORDERING INFORMATION "NJ3FP6C" Series				
# of Contacts	Nickel Shell	Black Chrome Shell	Plastic Shell	Contacts
	Silver Contacts			
3	NJ3FP6C	NJ3FP6C-BAG	NJ3FP6C-P	TRS



Jacks Specifications					
Electrical		NJ3FC6	NJ3FPC6	NJ*FD/TB-V	NJ3TT
Rated current:	10 A	X	X	3A	1A
Contact resistance, initial:	< 6mΩ	X	X	< 10mΩ	< 12mΩ
Contact resistance, after life test:	< 15mΩ	X	X	< 20mΩ	< 20mΩ
Insulation resistance initial :	> 2·10 <sup>9</sup> mΩ	X	X	> 10mΩ @ 500 V dc	X
Insulation resistance after damp heat test:	>10 <sup>9</sup> mΩ	X	X	X	X
Rated switch contact resistance:		N/A	N/A	< 15mΩ	N/A
Dielectric strength:	1.5 kV dc	X	X	1000 V dc	1000 V dc
Mechanical		NJ3FC6	NJ3FPC6	NJ*FD/TB-V	NJ3TT
Life:	> 10,000 cycles	X	X	X	5,000 cycles
Insertion/withdrawal force:	< 19N / < 22N	X	X	<10 N/> 8N	<10 N/> 8N
Locking force:	> 80N	X	X	N/A	N/A
Wire size:	1 mm <sup>2</sup> / 18 AWG max for soldering tag	X	X	N/A	N/A
Cable O.D.:	3.5mm - 8.0mm	X	N/A	N/A	N/A
Cap opening torque:	25 N cm / 9.84 N in.	N/A	N/A	X	N/A
Environmental		NJ3FC6	NJ3FPC6	NJ*FD/TB-V	NJ3TT
Temperature range:	-20°C to +65°C	X	X	X	X
Solderability:	Complies with IEC 68-2-20	X	X	X	
Materials		NJ3FC6	NJ3FPC6	NJ*FD/TB-V	NJ3TT
Shell:	ZnAl4Cu1, nickel plated or black chrome	X	X	N/A	N/A
	PA 6.6 30% GR	N/A	X	X	PA 6.6 15% GR
Insulation:	PA 6.6 30% GR	X	X	X	N/A

Contacts:	CuBe2 / CuZn37 (ground) 2 μm Ag plated	<b>X</b>	<b>X</b>	N/A	N/A
	CuSn6	N/A	N/A	0.1 μm Pd over 2μm Ag 2μm Ni+0.2μm Au hard alloy	2μm Ni+0.2μm Au hard alloy
Chuck:	POM	<b>X</b>	N/A	N/A	N/A
Cap:	POM	N/A	N/A	<b>X</b>	N/A
Bushing:	PA 606 15% GR + PUR	<b>X</b>	N/A	N/A	N/A