

TECHNICAL SPECIFICATION



Technical Information

Product	
Title	NE8FDY-C6
Gender	female
Electrical	
Contact resistance	< 10 mΩ
Dielectric strength	1 kVdc
Frequency range	1 - 250 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1,5 A
Rated voltage	< 50 V
Transmission performance	CAT 6
Standard compliance	TIA/EIA 586B, IEC11801
Mechanical	
Insertion force	≤ 40 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Panel thickness	max. 3 mm , 0.12"
Wiresize	solid: 0.205 - 0.324 mm ² (AWG 24 – AWG 22)
Wiresize	stranded: 0.141 – 0.355 mm ² (AWG 26/7 – AWG 24/7)
Locking device	Push-Pull
Chassis shape	D
Material	
Contact plating	0.7 μm Au over 1.2 μm Ni plating
Contacts	Bronze (CuSn8)
Insert	Polycarbonate
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Stainless steel
Environmental	
Flammability	UL 94 HB
Protection class	IP 65
Temperature range	-10 °C to +60 °C



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