

NXDA-QQ-1M

QSFP+ 40GBASE-CR4 1m DAC Twinax

Features

- QSFP+ Form Factor
- 40 Gb/s bitrate
- Up to 1 m over DAC Twinax
- Up to 1,5W power consumption
- +0/+70°C temperature range
- Built in digital diagnostic monitoring



Applications

- 10G/40GBase Ethernet
- Serial Data Transmission

Recommended operating conditions

Parameter	Value	Unit
Storage temperature	-40/85	°C
Operating case temperature	0/70	°C
Power supply voltage	3.3	V
Power consumption	1,5	W

Specifications

Parameter	Specifications	Unit
Minimum Dielectric Withstand Voltage	300	VDC
Insulation Resistance	1000	MΩ
Current Rating	0.5 Amp Minimum/Signal Contact	
Operating Temperature	0 to 70	°C
Flammability Rating (Plastics)	UL 94	
Shield	Braid/Foil	
Connector		
Back Shell Material	Nickel-Plated Zinc Diecast	
Contact Material	PCB with Gold-Plated Pads	
Maximum Insertion Force	40	N
Maximum Withdrawal Force	30	N
Durability	250	Cycles
Tightest Recommended Vertical Spacing (Belly-to-Belly)	11.80	mm
Tightest Recommended Vertical Spacing (Stacked)	17.50	mm
Cable		
Conductor	Solid	
Wire Gauge	28	AWG
Impedance	100±5	Ω
Construction	Twinaxial	
Jacket Type	PVC	

Mechanical Specifications

