

PBJX1DNNN



Features:

- ISN and EMI solution
- Suitable for both
1000/100/10M/Base-T
- Isolation @ 60Hz: Input to
output: 1500Vrms.

Description:

Single RJ45 PCB jack specially designed with integrated magnetic for Impedance Stabilizing Network (ISN) and Electro-Magnetic Interference (EMI) solution.

Specification:

STANDARDS	
Transmission	EN55024/CISPR 22
Jack Cavity	FCC Part 68
Wiring	T568A or T568B

MECHANICAL	
Durability	750 cycles min. of mating cycles

ELECTRICAL	
Crosstalk	<-40dB @ 0.3~30 MHz, <-35dB @ 30~60 MHz, <-30dB @ 60~125 MHz
OCL	< 350uH @ 100KHz/0.1V with 8mA DC Bias
Insertion Loss	<-1.0dB @ 1~100 MHz
Return Loss	<-18dB @ 0.5~30 MHz, <-16dB @ 30~60 MHz, <-12dB @ 60~80 MHz, <-10dB @ 80~125 MHz
CMR	<-30dB @ 1~30 MHz, <-25dB @ 30~60 MHz, <-20dB @ 60~125 MHz
HI-POT	2250VDC, 1500Vrms

PHYSICAL	
Material	UL 94V-0 Flame Retardant
Operating Temperature	0°C to +70°C

Storage Temperature	-25°C to +125°C
Soldering Process	SIP

Schematic:

