



**MODULAR JACKS WITH MAGNETICS:
G8X Series**

RJ45 Modular Jack with 10/100 magnetics and POE

Product Features

- Includes magnetics to support 10/100 Base-T applications
- POE compatible
- LEDs for status indicators
- Shielded for EMI suppression
- PCB guide pegs

Performance Specifications

Materials and Finish

Housing Material

PBT Thermoplastic, UL 94V-0 Rated, Black Color

Shield Material

Brass, Nickel Plated

Contact Material

Phosphor Bronze

Plating

Nickel Underplating, 6µ" Gold Plate on Contact Area, Tin Plated on Solder Area

Electrical Characteristics

Insulation Resistance

500 Megohms Min.

Contact Resistance

20 milliohms Max.

Dielectric Withstanding Voltage

1200V AC for 1 Minute

Mechanical Characteristics

Durability Rating

750 Cycles Min.

Mating Force

30 N Max.

Operating Temperature

-40°C to +85°C

Storage Temperature

-40°C to +85°C

Generated Part Number

G8X-188S7-BP

Part Number Builder

G8X	-	1	88	S7	BP
Series		No. of Port	No. of Positions Contacts	Shield Option	Option

Series

G8X - RJ45 Modular Jack with 10/100 magnetics and POE

Number of Ports

1 - 1 Port

Number of Positions / Contacts

88 - 8 Positions / 8 Contacts

Shield Options

S7 - Shielded

Magnetics Package

BP - 10/100 with POE

Contact Kycon for Schematics Options

G8X Series

Dimensions in mm

