## KYCON



# 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**

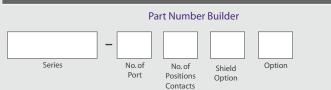
-40°C to +85°C

#### **Storage Temperature**

-40°C to +85°C

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

#### Generated Part Number



#### 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

