



## MODULAR JACKS AND PLUGS: GSP1X Series

RJ45 Modular Jack with Gigabit magnetics over USB, LEDs

### Product Features

- Stacked RJ45 and USB to reduce PCB footprint
- Includes magnetics to support 1000 Base-T applications
- LEDs for status indicators
- Shielded for EMI suppression

### Performance Specifications

#### Materials and Finish

##### Housing Material

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

##### Terminals Bracket

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

##### Shield

C2680, Nickel Plated

##### Contact Material

Phosphor Bronze

##### Plating

RJ45: 6 $\mu$ " Gold Plating on Mating Area

USB: 1 $\mu$ " Gold Plating on Mating Area

### Electrical Characteristics

**Rated Current:** 1.5A

**Rated Voltage:** 125V DC

#### Insulation Resistance

500 Megohms Min.

#### Contact Resistance

20 milliohms Max.

#### Dielectric Withstanding Voltage

500V AC for 1 Minute

### Mechanical Characteristics

#### Durability Rating

750 Mating 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

### Part Number Builder

<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series		No. of Port	No. of Positions/Contacts	Shield Option	Options	LED Color Option

#### Series

GSP1X - RJ45 Modular Jack with Gigabit magnetics over USB, LEDs

#### Number of Port

1 - 1 Port

#### Number of Positions / Contacts

88 - 8 Positions / 8 Contacts

#### Shield Options

S7 - Fully Shielded

#### Magnetics Package

QQ - Gigabit

#### LED Color

G/Y - Green/Yellow

Contact Kycon for Schematics Options

### GSP1X Series

Dimensions in mm

