

## MODULAR JACKS AND PLUGS: G10X Series

Dual Stack RJ45 Modular Jack with Gigabit magnetics

### Product Features

Dual stacked RJ45 to reduce PCB footprint  
Includes magnetics to support 1000 Base-T applications  
Shielded for EMI suppression  
Snap in retention 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

1500V AC for 1 Minute

### Mechanical Characteristics

#### Durability Rating

750 Mating Cycles Min.

#### Operating Temperature

-40°C to +85°C

#### Wave solder Temperature

260°C for 5 sec.

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"/>
Series		No. of Port	No. of Positions Contacts	Shield Option	Option

#### Series

G10X - Dual Stack RJ45 Modular Jack with Gigabit magnetics

#### Number of Ports

2 - 2 Port

#### Number of Positions / Contacts

88 - 8 Positions / 8 Contacts

#### Shield Options

S7 - Shielded

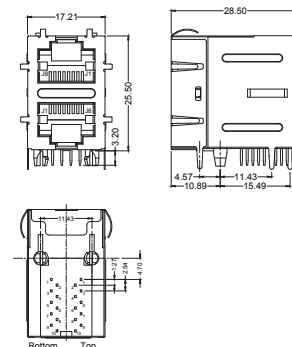
#### Magnetics Package

QQ - Gigabit

Contact Kycon for Schematics Options

### G10X Series

Dimensions in mm



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