

## GWX /GWX-SMT Series Right Angle Modular Jack

### Features

- Low Profile Design suitable for PC Add-on
- Tab up design for easy insertion/removal of mating plug
- Available Fully Shielded for EMI/RFI Protection
- Available with Through hole or Surface Mount Contact options

### Performance Specifications

#### Materials and Finish

##### Housing Material

Nylon FR-50 (Zytel), UL 94V-0 rated, Color: black

##### Contact Material

Phosphor Bronze

##### Contact Plating

**Standard** : 0.0001" nickel underplating, selectively plated gold flash

**50 Option** : 0.0001" nickel underplating, selectively plated underplating,  
Selectively plated 0.000050" gold on contact area, tin on soldertails

**Shield** : 0.25 thick copper alloy, Nickel plated

#### Electrical Characteristics

**Insulation Resistance** : 500 Megohms min.

**Voltage Rating** : 125V DC

**Contact Resistance** : 20 milliohms max.

**Current Rating** : 1.5 Amps

#### Electrical Performance

Category 5 100MHz Bandwidth Performance  
Performance meets near end crosstalk (NEXT)  
Requirements of -40dB @ 100MHz per EIA/TIA 568A in applications  
Where UL Approved Category 5 cable (GA27-3773-1) is used  
Shielded types offer 20dB shielding from 30MHz to 300MHz

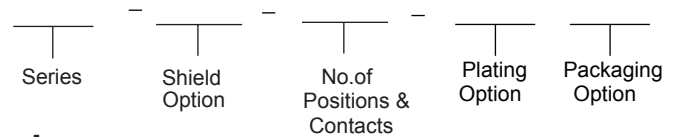
## MODULAR JACKS & PLUGS

### GWX/GWX-SMT Series

#### Documentation & Ordering Information


#### Kycon Part #

#### Part Number Builder



#### Series

GWX - Through hole Right Angle

GWX-SMT - Surface Mount ,Right Angle

#### Shield Option

N - Non Shielded

S - Fully Shielded

S3 - Fully Shielded with tabs on top(Available only with Through hole)

S9 - Fully Shielded with tabs on top and sides

#### Number of Positions and Contact

88 - 8 Positions and 8 Contact

#### Plating Option

Blank - Gold Flash

50 - 50µ" Gold Plating

#### Packaging Option

Blank - Tray

TR - Tape & Reel (Available only with SMT Option)

Contact Kycon for other Options

#### GWX-S-88 Dimensions

Dimensions in mm [In]

