

## Wire Gel Connector

P8633 & P8632

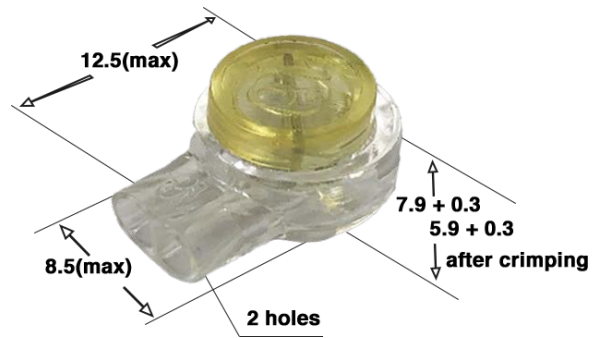
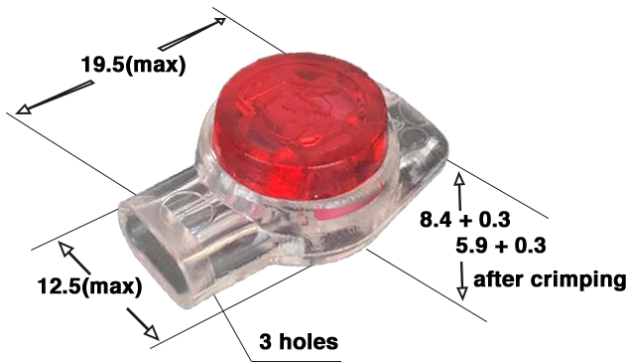


### FEATURES

Gel filled, insulated, butt connector for 2 or 3 solid copper conductors of 19 to 26 AWG having maximum insulation OD of 2.08mm. Simple crimp-connection using our gel-connector crimp tool T0037 for fast, easy and reliable installation. Contains moisture resistant sealant, rated to IP67 (dust resistant and immersible up to 1 metre).

CAT#	COLOUR	CONDUCTORS
P8632	Yellow	2
P8633	Orange	3

### MEASUREMENT SPECIFICATIONS



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### ELECTRICAL SPECIFICATIONS

Dielectric strength	3.0KV min (at 60HZ AC test voltage and a rate of 500V (RMS) / sec)
High humidity insulation resistance	105MΩ minimum
Water immersion insulation resistance	100MΩ minimum
Connection resistance change	2MΩ Max (after testing for vibration, thermal shock or heat aging)
IP Rating	IP67 (Dust proof and immersable to 1 metre)

### MECHANICAL SPECIFICATIONS

Tensile test	90% min of the controlled wire breaking strength
Crimping force (Type UY)	26kg max (2 reference conductors (diam 0.65mm and O/D 1.27mm))
Crimping force (Type UR)	28kg max (3 reference conductors (diam 0.9mm and O/D 1.67mm))

### CABLE COMPATIBILITY

Type UY	Solid copper cable. Diam: 0.65 to 0.40mm (22 to 26 AWG)
Type UR	Solid copper cable. Diam: 0.90 to 0.40mm (19 to 26 AWG)
Insulation O/D (type UY)	1.52mm max
Insulation O/D (type UR)	1.67mm max