

## 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

### ELECTRICAL CHARACTERISTICS

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 maximum (after testing for Vibration, Thermal-shock or Heat-aging)
IP Rating	IP67 (Dust-Proof and Immersable to 1 Metre)

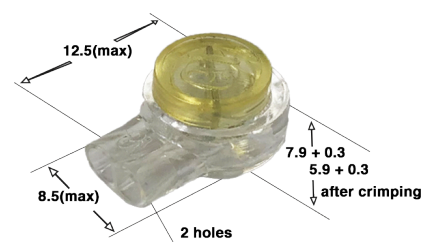
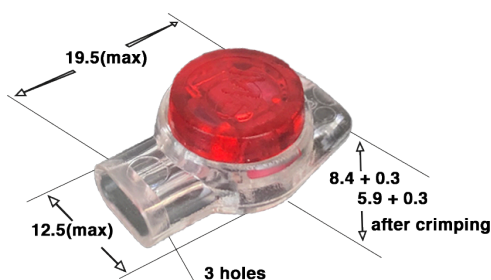
### MECHANICAL CHARACTERISTICS

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))
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)
Crimping force (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

### PRODUCT MEASUREMENTS



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