

MODULAR JACK 200 SERIES



General Specifications

Electrical

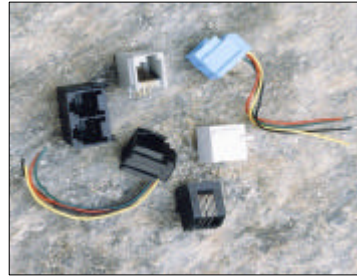
Current Rating: 1.5 amps
Voltage Rating: 150 volts AC max
Dielectric Withstanding Voltage: 1000 VAC, RMS 60 Hz, 1 min.
Insulation Resistance: 500 megohms min.
Surge Test: To 1000 volts

Mechanical

Insertion Force: 3.58 Kg (7.9 lb.) max.
PC Board Retention: 0.45 Kg (1 lb.) pull before soldering
 9.00 Kg (20 lb.) pull after soldering
Durability: 750 mating cycles

Material and Finish

Housing: Noryl "PPO"
Contact Material: UL 94V-1 fire retardant
 0.014" Phosphor Bronze
PC Board Thickness: 0.062" (1.57 mm) thick



PARALLEL FLANGED MOUNT

SPECIFICATIONS

Housing: Moryl PPO, Black, U.L. 94V-1
Contact Material: 0.014" square phosphor bronze
Plating 1: 15 µ hard gold over 50 µ nickel over tin
Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded Contacts	Plating 1	Plating 2
4	4	GD241-44-15	GD241-44-50
6	4	GD242-64-15	GD242-64-50
6	6	GD242-66-15	GD242-66-50
8	6	GD243-86-15	GD243-86-50
8	8	GD243-88-15	GD243-88-50
8K	6	GD244-86-15	GD244-86-50
8K	8	GD244-88-15	GD244-88-50

PARALLEL FLANGELESS MOUNT - A TYPE (SPLIT POST)

SPECIFICATIONS

Housing: Noryl PPO, Black, U.L. 94V-1
Contact Material: 0.014" square phosphor bronze
Plating 1: 15 µ hard gold over 50 µ nickel over tin
Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded Contacts	Plating 1	Plating 2
6	4	GD250A-64-15	GD250A-64-50
6	6	GD250A-66-15	GD250A-66-50

PARALLEL FLANGELESS MOUNT

SPECIFICATIONS

Housing: Noryl PPO, Black, U.L. 94V-1
Contact Material: 0.014" square phosphor bronze
Plating 1: 15 µ hard gold over 50 µ nickel over tin
Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded Contacts	Plating 1	Plating 2
4	4	GD249-44-15	GD249-44-50
6	6	GD250-66-15	GD250-66-50
8	6	GD251-86-15	GD251-86-50
8	8	GD251-88-15	GD251-88-50
8K	6	GD252-86-15	GD252-86-50
8K	8	GD252-88-15	GD252-88-50

PERPENDICULAR MOUNT

SPECIFICATIONS

Housing: Noryl PPO, Black, U.L. 94V-1
Contact Material: 0.014" square phosphor bronze
Plating 1: 15 µ hard gold over 50 µ nickel over tin
Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded Contacts	Plating 1	Plating 2
4	4	GD257-44-15	GD257-44-50
6	4	GD258-64-15	GD258-64-50
6	6	GD258-66-15	GD258-66-50
8	6	GD259-86-15	GD259-88-50
8	8	GD259-88-15	GD259-88-50
8K	6	GD260-86-15	GD260-86-50
8K	8	GD260-88-15	GD260-88-50

MODULAR JACK 600 SERIES

General Specifications

Electrical

Current Rating: 1.5 amps
 Voltage Rating: 20 millions max
 Dielectric Withstanding Voltage: 1000 VAC, RMS 60 Hz, 1 min.
 Insulation Resistance: ³ 10 megohms

Nechanical

Total Mating Force: 500 grams for a 4 wire lead
 750 grams for a 6 wire lead
 900 grams for an 8 wire lead
 Retention: 76N (17 lb.) between the jack and the plug

Material and Finish

ABS Molding Compound

Housing: UL 94V-0 fire retardant
 Contact Material: 0.018" Phosphor Bronze
 PC Board Thickness: 0.062" (1.57 mm) thick

616 TYPE

SPECIFICATIONS

Housing: ABS, Medium Gray, U.L. 94V-0
 Contact Material: 0.018" phosphor hronze
 Plating1: 15 µ hard gold over 50 µ mickel over tin
 Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded	Plating 1	Plating 2
4	4	GD616-44-P-15	GD616-44-P-50

623 TYPE

SPECIFICATIONS

Housing: ABS, Medium Gray, U.L. 94V-0
 Contact Material: 0.018" phosphor hronze
 Plating1: 15 µ hard gold over 50 µ mickel over tin
 Plating 2: 50 µ hard gold over 50 µ nickel over tin

ORDERING INFORMATION

Positions	Loaded	Plating 1	Plating 2
6	4	GD623-64-P-15	GD623-64-P-50
6	6	GD623-66-P-15	GD623-66-P-50

641 TYPE/ 647 TYPE

SPECIFICATIONS

Housing: ABS, Medium Gray, U.L. 94V-0
 Contact Material: 0.018" phosphor hronze
 Plating1: 15 µ hard gold over 50 µ mickel over tin
 Plating 2: 50 µ hard gold over 50 µ nickel over tin

FEATURES

Combed interior
 Available with shorting bars
 Flush Mount

ORDERING INFORMATION

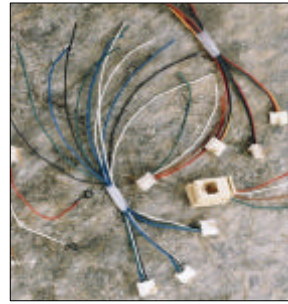
Positions	Loaded	Plating1	Plating 2
8	8	GD641P-88-P-15	GD641P-88-P-50
8	8	GD641P-88-PS-15*	GD641P-88-PS-50*
Keyed Version			
8	8	GD647P-88-P-15	GD647P-88-P-50
8	8	GD647P-88-PS-15*	GD647P-88-PS-50*

* Indicates shorting bars

Leaded Modular Jack

Specifications

Housing color	ABS molding compound, U.L. 94V-0		
	Medium Gray		
Connector	Insulation Resist	>= 10 megohms	
	Withstanding Volt	1000 volts rms, 60 HZ	
	Contact Resistanc	<= 20 milliohms	
	Current Rating	1.5 amps	
	Insertion Force	4-wire version: 5.0 N	
		6-wire version: 7.5 N	
		8-wire version: 9.0 N	
Retention Force	76 N between jack and plug		
Crimp Tensile stre	22.7 N		
Contact	Material	Phosphor bronze	
	Plating	0.45 mm (0.18") diameter	
		15µ gld over 50µ nickel OR 50µ gld over 50µ nickel*	
Wire	Size	26AWG - 7 strands OR 24 AWG - Solid (optional)*	
	Conductors	Tinned copper wire OR Terminated with spade lugs to Customers requirements*	
		Material Insulation	PVC



How to read the part number:

GD623K - 64 - 11- 15

GD623K	Refers to the Actual Model Number: 623K type
64	6 positions and 4 conductors
11	Wire length: 11 inches
15	Gold plated: 15 micro inches of gold

Low Profile Gang Jack - PCB Mount Series

Specifications

Housing	Zytel molding compound, Black U.L. 94V-0
Contact Material	.018" phosphor bronze
Plating 1	15 µ hard gold over 50 µ nickel over tin
Plating 2	50 µ hard gold over 50 µ nickel over tin
Amps	1 1/2 amps current rating
Withstanding Volta	1000 volts RMS, 60 HZ
Housing Color	Standard housing color is black, can be changed to customers specifications with a minimum order of 5,000 pieces or more.

How to read the Part Numbers

GDL 1 - 6 / 6 - 15

GDL	Gang Jack
1	Number of Ports
6	number of loaded ocntacts
6	Number of positions
15	Gold Plating



Ordering Information

Number of Ports	Positions	Loaded Contacts	Plating 1	Plating 2
1	6	6	GDL1-6/6-15	GDL1-6/6-50
2	6	6	GDL2-6/6-15	GDL2-6/6-50
3	6	6	GDL3-6/6-15	GDL3-6/6-50
4	6	6	GDL4-6/6-15	GDL4-6/6-50
5	6	6	GDL5-6/6-15	GDL5-6/6-50
6	6	6	GDL6-6/6-15	GDL6-6/6-50
7	6	6	GDL7-6/6-15	GDL7-6/6-50
8	6	6	GDL8-6/6-15	GDL8-6/6-50

All Kinds of Phone Assesories Available
Custom Assembly Welcome

Available with 2 and 4 loaded contacts
Available with 4 positions