

◆ RJ45+Single Port USB 10/100 Base-T



Ordering Information:

GDP06 - N3 - 1 0 1 9 3 0 0
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- 1. Plating Options
 - 9-30u" Gold In Contact Area

Physical:

- ◆ Plastic Housing
 - PBT, UL94V-0 Rated, Black Color
- ◆ Transformer Housing
 - Phenolic, UL94V-0 Rated, Black Color
- ◆ Terminal
 - Copper Alloy
- ◆ Terminal Plating
 - Gold Plating on Contact Area
 - Tin Plating on Solder Tails
 - Nickel Underplating Overall
- ◆ Front Shell
 - Stainless Steel
- ◆ Back Shell
 - Copper Alloy
- ◆ Back Shell Plating
 - Nickel Underplating Overall
 - Pre-Soldering on Ground Legs
- ◆ USB Grounding Legs
 - Steel Alloy
- ◆ USB Grounding Legs Plating
 - Nickel Underplating Overall
 - Tin Plating on Solder Tails
- ◆ Nut
 - Steel Alloy

Mechanical Specifications:

- ◆ Mate Force
 - 22N Max.
- ◆ Durability
 - 1000 Cycles
- ◆ Operating Temperature Rating
 - 0°C to +70°C

Electrical Specifications:

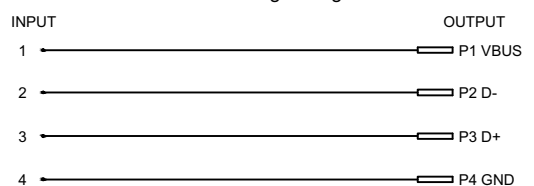
- ◆ Contact Resistance
 - 30 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
 - 500V per Second Max. (for RJ45)
 - 750V AC (for USB)
- ◆ Insulation Resistance
 - 1000 Megohms Min.

Magnetic Electrical Specifications:

- ◆ Transmitter & Receiver Filter:

Insertion Loss (dB Max)	Return Loss at 100 Ω (dB Max)			
	1~100MHz	1~30MHz	30~60MHz	60~80MHz
-1.0	-18	-16	-12	

- ◆ Common Mode Rejection @1~100 MHz:-30dB Min.
- ◆ Cross Talk @1~100 MHz:-35dB Min.
- ◆ Inductance @100KHz/0.1V,8mA DC Bias:350mH Min.
- ◆ Hi-Pot Test:1500Vrms,60 Sec
- ◆ USB Ratings
 - Insulation Resistance:1000M Ohm(MIN.)
 - Contact Resistance:30m Ohm(MAX.)
 - Dielectric Withstanding Voltage:750VAC



USB Magnetic Schematic

