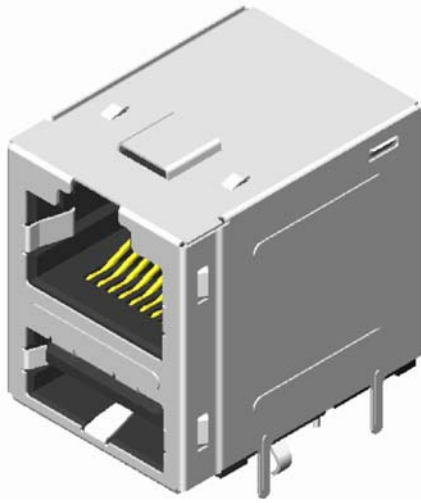


◆ RJ45+Single Port USB 10/100 Base-T



Ordering Information: GDP23 - N3 - 1 0 * $\frac{9}{1}$ 3

- 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

Mechanical Specifications:

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

Electrical Specifications:

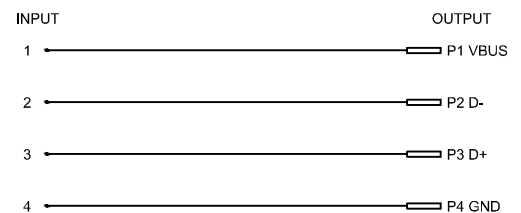
- ◆ Contact Resistance
30 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
500V per Second Max.(for RJ45)
750V AC(for USB)
- ◆ Insulation Resistance
1000 Megohms Min.

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

