

Product Range Overview

USB

Sub-Series Name	Mini USB Type B	USB Type A	USB Type B
Mating Style	Screw Thread	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock
Plastic Version	✓	✓	✓
Metal Version	-	✓	✓
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated
Transmission Rate	USB 2.0	USB 2.0 USB 3.0	USB 2.0 USB 3.0
Operating Voltage	30V AC/DC	30V AC/DC	30V AC/DC
Current Rating	USB 2.0: 1.5A USB 3.0: 1A	USB 2.0: 1.5A USB 3.0: 1A	USB 2.0: 1.5A USB 3.0: 1A
Operating Temperature	Receptacle: <ul style="list-style-type: none"> Nylon+GF: -40°C ~ 105°C M-PPE: -40°C ~ 105°C ABS: -20°C ~ 80°C Receptacle With Cable: <ul style="list-style-type: none"> Nylon+GF: -20°C ~ 105°C ABS: -20°C ~ 80°C Overmolded & Field Installable: -20°C ~ 80°C		
Fasten Style	Front	Front	Front
Receptacle	✓	✓	✓
Overmolded Receptacle	✓	✓	✓
Overmolded Cable	✓	✓	✓
Field Installable	✓	✓	✓
Applicable Wire Gauge	28AWG*1P + 28AWG*3C (0.08mm ²)	28AWG*1P + 24AWG*2C (0.08mm ²) + (0.25mm ²)	
Mating Cycles	10,000 Cycles		
IP Rating	Receptacle / Receptacle With Cable: IP67 (Unmated) Overmolded With Cable / Field Installable: IP67 (Mated)		
Salt Spray Resistant	48h	48h	48h
Flammability	UL94VHB	UL 94V-0	UL 94V-0
Vibration Resistant	Frequency Range 10~55Hz / Amplitude 1.52mm		
EMI Option	✓	✓	✓
ROHS 2.0 Compliant	✓	✓	✓
REACH Compliant	✓	✓	✓
Accessories	✓	✓	✓

Product Range Overview

Micro USB Swift	Micro USB Swift-MU	USB Type C Swift-LP	USB Type C Swift-LA	USB Type C Swift-GG	USB Type C Swift-XL
-	Snap-in	-	Snap-in	Screw Thread	Push Lock
-	✓	-	✓	✓	✓
✓	-	✓	-	✓	-
Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
USB 2.0	USB 2.0	USB 3.1GEN2	USB 2.0 USB 3.1GEN1	USB 3.1GEN1 / GEN2	USB 3.1GEN1
30V AC 5V DC	30V AC 5V DC	30V DC	30V DC	30V DC	30V DC
1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A	1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A	Up To 5A	Up To 3A	Up To 5A	Up To 3A
-30°C ~ 80°C SMD: 260°C / 5sec	-40°C ~ 80°C	-40°C ~ 85°C SMD: 260°C / 5sec	Receptacle: -40°C ~ 85°C Overmolded: -20°C ~ 80°C		-
-	-	-	-	Front	-
✓	-	✓	✓	✓	-
-	-	-	-	-	-
-	✓	-	✓	✓	✓
-	-	-	-	-	-
-	28AWG (0.08mm ²)	-	32AWG*1P + 24AWG*1C + 28AWG*1D (0.03mm ²) + (0.25mm ²) + (0.08mm ²)		
10,000 Cycles					
IP67 (Unmated, 1M / 30mins) IP68 (Unmated, 1M / 24h) IP68 (Unmated, 5M / 24h) IP68 (Unmated, 10M / 3h)	IP67 (Mated)	IP67 (Unmated)	Receptacle: IP68 (Unmated) Overmolded: IP67 (Mated)	Receptacle: IP67 (Unmated) Overmolded: IP67 (Mated)	IP68 (Mated, 1M / 24h)
48h	48h	48h	48h	48h	48h
UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0
Frequency Range 10~55Hz / Amplitude 1.52mm					
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
-	-	-	-	✓	✓