

USB Connectors



Specification

(UA) USB A Type (NUB) Mini USB B
(UB) USB B Type

Data Transfer Rate

(20) 2.0 (30) 3.0

Connector Body (Style)

> For Receptacle > For Overmolded with Cable
(P) Front Fastened (A) With Strain Relief
> For Field installable (B) Without Strain Relief
(B) Without Strain Relief

Connector (Housing) Gender

(M) Male (F) Female

Contact Gender

(M) Male (Plug) (F) Female (Jack)

Assemble Style

> For Receptacle > For Overmolded with Cable
(P) 180° PCB Type (M) Overmolded with Cable
(R) 90° PCB Type > For Field Installable
(J) Jack (A) Field installable (Solder)

Mating Style

(S) Screw Thread (L) 2 Points Lock Bayonet (Nut OD: 28.5mm)
(N) 2 Points Lock Bayonet (Nut OD: 25.4mm)

Backshell

> For Receptacle > For Overmolded with Cable > For Field Installable
(C) Circular (L) Straight (L) Straight
(S) Square (R) Right Angle

Waterproof Rating

(7) IP 67
(8) IP 68

More information

> For Receptacle > For Overmolded with Cable
(001) Without Cable (□)+(■) : Cable Type + Cable Length
(002) With Cable (Harness EX. (A01) = USB 2.0 Cable + 1M
(50mm))
(□) : Cable Type (■) : Cable Length
(A) USB 2.0 Cable USB2.0 :From 1M to 5M
(B) USB 3.0 Cable USB3.0 :From 1M to 3M
Mini USB2.0: From 1M to 4M
EX. (01) = 1M

Innovation in Waterproof Solution

USB Connectors



ALTW waterproof connector to ALTW waterproof connector
ALTW waterproof connector to Standard USB connector (None Waterproof)

Specification

(UA) USB A Type

(UB) USB B Type

Data Transfer Rate

(20) 2.0

(30) 3.0

Connector Body (Style)

> For Receptacle

> For Overmolded with Cable

(P) Front Fastened

(A) With Strain Relief

(B) Without Strain Relief

Connector (Housing) Gender

(M) Male

(F) Female

Contact Gender

(M) Male (Plug)

(F) Female (Jack)

Mating Style

(S) Screw Thread

(L) 2 Points Lock Bayonet (Nut OD: 28.5mm)

Non-Waterproof (2ne End)

(A) USB2.0 A Type (Plug)

(D) USB3.0 A Type (Plug)

(B) USB2.0 B Type (Plug)

Waterproof Rating

(6) IP 66

(7) IP 67

(8) IP 68

More information

> For Receptacle with Cable

(□)+(■) : Cable Type + Cable Length

EX. (BX10) = USB 3.0 Cable + 100mm

(□) : Cable Type (■) : Cable Length

(B) USB 3.0 Cable USB3.0 :From 100mm to 300mm

EX. (X10) = 100mm

> For Overmolded with Cable

(□)+(■) : Cable Type + Cable Length

EX. (A01) = USB 2.0 Cable + 1M

(□) : Cable Type

(■) : Cable Length

(A) USB 2.0 Cable

USB2.0 :From 1M to 5M

(B) USB 3.0 Cable

USB3.0 :From 1M to 3M

Mini USB2.0: From 1M to 4M

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