

USB-C SELECTOR GUIDE



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Receptacle, Top Mount, Horizontal

Supplier	molex	JAE	JAE	molex	molex	Amphenol	JAE	JAE	JAE
Part No.	2171750001	DX07S016JA1R1500	DX07S016JA3R1500	2137160001	2171800001	10155435-00011LF	DX07S024JJ2R1300	DX07S024JJ3R1300	DX07S024JA1R1300
Product Image									
# of Contacts	6	16	16	16	16	16	24	24	24
Center Height	1.68mm	1.58 mm	1.58 mm	1.50 mm	5.90mm	1.68mm	1.57 mm	1.57 mm	1.57 mm
Mating Depth	4.80mm	4.70 mm	4.70 mm	6.00 mm (vari.)	4.70mm	4.80mm	4.70 mm	4.70 mm	4.70 mm
Notes	Power Only - Simple Layout	Single Row SMT, DIP 0.90 mm	Single Row SMT, DIP 1.20 mm	Lite Version, Through Hole	High Center Line	SMT Single Row	With Rear-Shielding	No Rear-Shielding	No Rear-Shielding

Supplier	molex	JAE	JAE	molex	Amphenol	molex	Amphenol	Amphenol	JAE
Part No.	1054500101	DX07S024JJ1R1300	DX07S024XJ1R1100	2171830001	12401899E412A	2012670005	10137065-00021LF	12401598E4#2A	DX07S024XJ4R250
Product Image									
# of Contacts	24	24	24	24	24	24	24	24	24
Center Height	1.58 mm	1.57mm	1.60 mm	1.73mm	1.75 mm	1.93 mm	1.55 mm	1.48 mm	3.40 mm
Mating Depth	4.70 mm	4.70mm	5.50 mm	5.13mm	5.30 mm	4.70 mm	4.70 mm	6.20 mm (vari.)	4.70 mm
Notes	With Rear-Shielding	2 DIP on Shell	Hybrid	Hybrid	Without Shell	Special PCB	Dual SMT – Short Body	Vari. Outer Shell, Long Pegs	Hybrid, Stand Off, Screw

Receptacle, Mid Mount, Horizontal

Supplier	molex	molex	JAE	JAE
Part No.	216990001	216990002	DX07B024XJ1R1300	DX07B024JJ2R1500
Product Image				
# of Contacts	16	16	24	24
Center Height	-0.52mm	0.78mm	0.70 mm	0.47 mm
Mating Depth	4.60mm	4.60mm	5.50 mm	4.70 mm
Notes	Lite	Lite	Hybrid, With Rear-Shielding	With Rear-Shielding

Supplier	Amphenol	JAE	molex	JAE
Part No.	10137064-00021LF	DX07B024JJ1R1500	1054550101	DX07BN24JA2R1300
Product Image				
# of Contacts	24	24	24	24
Center Height	0.47 mm	0.47 mm	0.60 mm	0.64 mm
Mating Depth	n/a	4.70 mm	4.65 mm	6.0 mm
Notes	DIP Tails	With Rear-Shielding	With Rear-Shielding	No Rear-Shielding

USB4

Supplier	Amphenol	JAE	JAE	JAE	molex
Part No.	12402056E512A	DX07S024JAAR1100	DX07B024JAAR1100	DX07BD24JJ4R1100	
Product Image					
# of Contacts	24	24	24	24	AVAILABLE SOON
Mounting	Top mount	On-board	Mid-mount	Mid-mount	
Center Height	0.157mm	1.57mm	0.47mm	-0.1mm	
Mating Depth	5.50mm	5.5mm	4.7mm	5mm	
Notes	Dual Row SMT	2-row SMT	2-row SMT	2-row SMT	



Receptacle, Vertical

Supplier	molex	molex	molex	JAE	molex	JAE	Amphenol	JAE
Part No.	2171780001	2171820001	2169890001	DX07S024WJ3R400	2047110001	DX07S024WJ1R350	10132328-10013LF	DX07S024WJ4R450
Product Image								
Contacts	6	16	14	24	24	24	24	24
Mount	Top Mount	Top Mount	Upright	Top Mount	Top Mount	Top Mount	Top Mount	Top Mount
Height	6.50mm	6.40mm	8.94mm	10.00 mm	9.05 mm	12.00 mm	8.80 mm	10.00 mm
Mating Depth	4.92mm	4.92mm	4.80mm	5.00 mm	6.15 mm	4.70 mm	6.20mm	5.00 mm
Notes	Power Only - Short Body	Lite - Short Body	Upright	Low Profile	Standard	High Profile	Standard	Low Profile, diff. Legs

Plug & Docking

Supplier	JAE	JAE	JAE	JAE	Amphenol
Part No.	DX07P024MJ1R1500	DX07VN24WA2C1568	DX07P022AA6R2000	DX07P024AJ1R1500	10133475-10001LF
Product Image					
Contacts	24	24	22	24	24
Mount	Cable/PCB	PCB	Cable/PCB	Cable/PCB	Cable/PCB
Notes	Special Mounting	Docking Station	Slim	Standard	Standard

Receptacle, Waterproof

Supplier	molex	molex	molex	JAE	JAE	JAE
Part No.	2171760001	2171770001	2130830005	DX07WH24JA3R1200	DX07W024JA1R1000	DX07W024JA2R1000
Product Image						
Contacts	6	6	16	24	24	24
Mount	Top Mount	Mid Mount	Top Mount	Mid Mount	Mid Mount	Mid Mount
Orientation	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Center Height	2.38mm	1.68mm	1.58 mm	1.50 mm	1.35 mm	1.35 mm
Mating Depth	4.80mm	4.80mm	4.45 mm	3.30 mm	4.20 mm	2.45 mm
Notes	Power only - Waterproof IPx5	Power only - Waterproof IPx5	Lite Version, PCB Mounting	For PCB Mounting	For FPC Mounting	For FPC Mounting, Short Shell

Supplier	Amphenol	Amphenol	molex	Amphenol
Part No.	124018312112A	124018612112A	2024100002	MUSBRM1C1M0
Product Image				
Contacts	24	24	24	24
Mount	Mid Mount	Top Mount	Mid Mount	Top Mount
Orientation	Horizontal	Horizontal	Horizontal	Horizontal
Center Height	0.40mm	1.50mm	0.40mm	3.15mm
Mating Depth	n/a	n/a	4.30mm	n/a
Notes	Skew, Long Body	Short Body	Waterproof IPx8	Rugged, Harsh Environment

