




## ACON Type C Solutions










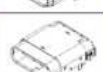

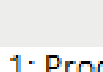


# ACON Type C Connectors

P/N Prefix	Image	Plug/Rcpt	USB Type	Data Speed & Amperage	Mount Type	Footprint/#Pins	Shell/Housing Type	Waterproof	Remark
NAW10		Plug	USB2.0	480Mbps, 5A	Straddle Mount	SMT 2 Rows/22	Formed		In Production, TID#200,000,096
NAW11		Plug	USB2.0	480Mbps, 5A	Straddle Mount	SMT 2 Rows/22	Formed, Narrowed Shoulder		In Production, TID#200,000,062
NAW15		Plug	USB2.0	480Mbps, 5A	Straddle Mount	SMT 2 Rows/22	Formed, Narrowed Shoulder		In Production
NBW30		Plug	USB3.1/Gen2	10Gpbs, 5A	Straddle Mount	SMT 2 Rows/22	Drawn		In Production, TID#5,200,000,129
NBW31		Plug	USB3.1/Gen2	10Gpbs, 5A	Straddle Mount	SMT 2 Rows/22	Drawn		Smaller overmold, In Production, TID#5,200,000,027
NBW32		Plug	USB3.1/Gen2	10Gpbs, 5A	Straddle Mount	SMT 2 Rows/22	Drawn, Slim overmold		In Prototype TID#5,200,000,367
NAR20		Rcpt	USB2.0	480Mbps, 5A	Mid Mount Center Ht 0.85mm	Hybrid/24	Single Shell		In Production
NAR23		Rcpt	USB2.0	480Mbps, 5A	Top Mount Center Ht 1.60mm	Hybrid/14	Option: Single Shell/Double Shell		In Production
NARA1		Rcpt	USB3.1/Gen1	5Gpbs, 5A	Top Mount Center Ht 4mm	Hybrid/24	Double Shell w/ Stand-off		In Production
NARA2		Rcpt	USB3.1/Gen1	5Gpbs, 5A	Top Mount Center Ht 4mm	Hybrid/24	Double Shell w/ Stand-off		In Production (prefer for Gen1), TID#5,200,000,130
NBP20		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.85mm	Hybrid/24	Plastic Outer Shell	IPX7	In Prototype
NBR20		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.85mm	Hybrid/24	Double Shell		In Production




Footnotes: 1: Product is made with custom tools

# ACON Type C Connectors

P/N Prefix	Image	Plug/Rcpt	USB Type	Data Speed & Amperage	Mount Type	Footprint/#Pins	Shell/Housing Type	Waterproof	Remark
NBR21		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.85mm	Hybrid/24	Double Shell, 4 Mounting Posts		In Production
NBR24		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.85mm	Hybrid/24	Double Shell, 4 Mounting Posts, Short Shell Depth		In Production
NBR25		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.6mm	Hybrid/24	Double Shell; Short Shell Depth		In Production <b>TID#520000028</b>
NBR27		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 1.15mm	Hybrid/24	Double Shell; 4 Mounting Posts		In Production
NBR28		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0mm	Hybrid/24	Double Shell; Short Shell Depth		In Production <sup>1</sup> <b>TID#5,200,000,292</b>
NBR29		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 2.2mm	Hybrid/24	Double Shell, Large Mt. Posts, Short Shell Depth		Tilt Proof, In Production, <b>TID#5,200,000,179</b>
NBR2B		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.78mm	Hybrid/24	Double Shell, Short Shell Depth		In Production
NBR2D		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.78mm	SMT 2 Rows/24	Double Shell		In Production
NBR2H		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.52mm	Hybrid/24	Double Shell, Short Shell Depth		In Production <sup>1</sup>
NBR2F		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht -0.32mm	Hybrid/24	Double Shell, Short Shell Depth		In Prototype <sup>1</sup>
NBR2G		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.48mm	Hybrid/24	Double Shell		In Prototype <sup>1</sup>
NBR2J		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.6mm	Hybrid/24	Double Shell, Short Shell Depth		In Prototype

Footnotes: 1: Product is made with custom tools

# ACON Type C Connectors

P/N Prefix	Image	Plug/Rcpt	USB Type	Data Speed & Amperage	Mount Type	Footprint/#Pins	Shell/Housing Type	Waterproof	Remark
NBR2K		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.73mm	Hybrid/24	Double Shell, Short Shell Depth		In Production <sup>1</sup>
NBR2L		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 1.6mm	Hybrid/24	Double Shell, Short Shell Depth		In Prototype <sup>1</sup>
NBR2N		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 3.4mm	Hybrid/24	Double Shell		In Prototype
NBR2P		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Top Mount Center Ht 3.4mm	Hybrid/24	Double Shell, Short Shell Depth		In Prototype <sup>1</sup>
NBR2Q		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.7mm	Hybrid/24	Double Shell		In Prototype <sup>1</sup>
NBR2R		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.7mm	SMT 2 Rows/24	Double Shell		In Prototype <sup>1</sup>
NBR2S		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.7mm	SMT 2 Rows/24	Double Shell, Short Shell Depth		In Prototype <sup>1</sup>
NCP20		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.65mm	SMT 2 Rows/24	Double Shell, Short Shell Depth	IPX4	In Production (small volume)
NCP23		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht 0.65mm	SMT 2 Rows/24	Double Shell, Short Shell Depth	IPX4	In Prototype
NCR24		Rcpt	USB3.1/Gen2	10Gpbs, 5A	Mid Mount Center Ht -1.22mm	Hybrid/24	Double Shell, Below Board, Short Shell Depth		Step-down design, In Production
NCR26		Rcpt	USB3.1/Gen1	5Gpbs, 5A	Mid Mount Center Ht 0.07mm	SMT 2 Rows/24	Single Shell, Short Shell Depth		In Prototype
NCR27		Rcpt	USB3.1/Gen1	5Gpbs, 5A	Top Mount Center Ht 1.97mm	SMT 2 Rows/24	Single Shell, Half Shell Depth		Tongue Expose, In Prototype

Footnotes: 1: Product is made with custom tools