

KYCON I/O Connectors

RoHS Compliant This product is RoHS compliant.

KYCON USB 3.0 CONNECTORS

- Features:**
- PCB Mount and Surface Mount Available
 - Compatible With Many Computer Peripherals
 - A and B Types Available
 - Supports Hot Plugging
 - Contact Area with Gold Plating
 - CSA/NRTL Certified File No. LR78160
 - Blue Insulator

- Specifications:**
- Rated Voltage: 30V AC (rms)
 - Contact Current Rating: 1 Amp max.
 - Contact Resistance: 30 Milliohms max.
 - Insulation Resistance: 1000 Megohms min.
 - Dielectric Withstanding Voltage: 750V AC
 - Operating Temperature: -25°C to +80°C



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Description	Price Each		
				1	25	100
806-KUSBX-AS1N9-1-BL	KUSBX-AS1N9-1-BL	A	Type A, 2.15mm pin length, R/A, gold flash	2.15	1.48	1.32
806-KUSBX-AS1N91BL30	KUSBX-AS1N9-1-BL30	A	Type A, 2.15mm pin length, R/A, 30µ" gold	2.15	1.48	1.32
806-KUSBX-BS1N9-1-BL	KUSBX-BS1N9-1-BL	B	Type B, 2.80mm pin length, R/A, gold flash	2.36	2.01	1.88
806-KUSBX-BS1N91BL30	KUSBX-BS1N9-1-BL30	B	Type B, 2.80mm pin length, R/A, 30µ" gold	2.69	2.30	2.14
806-KUSBVX-BS1N9BL30	KUSBVX-BS1N9-BL30	C	Type B, vertical top entry, 30µ" gold	2.51	2.12	1.85
806-KUSBX-AS2N91BL30	KUSBX-AS2N9-1-BL30	D	Type A, stacked, 2.15mm pin length, R/A, 30µ" gold	2.72	2.30	2.00

KYCON MICRO USB 3.0 CONNECTORS

- Features:**
- Also known as SuperSpeed USB
 - More compact footprint than the mini-USB
 - Meets the USB-IF 3.0 Specification
 - Stainless steel shell, which yields 10,000 insertion cycles
 - Used in portable devices such as Mobile phones, PDAs, and digital cameras

- Specifications:**
- Rated Current: 1.8A(only Pin 1,5); 0.25A for other Pins
 - Insulation Resistance: 100 mohms min.
 - Contact Resistance: 50 mohms max.
 - Dielectric Withstanding Voltage: 100V AC for 1 min.
 - Operating Temperature: -40°C to +85°C



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MOUSER STOCK NO.	Kycon Part No.	Fig.	Description	Price Each		
				1	25	100
806-KMMXAB10SMT1SB30	KMMX-AB10-SMT1SB30TR	E	Type AB, SMT with T/H shield tabs, 30µ"	2.43	2.05	1.78
806-KMMXAB10SMT4SB30	KMMX-AB10-SMT4SB30TR	F	Type AB, SMT with SMT shield tabs, 30µ"	2.43	2.05	1.78
806-KMMXB10SMT1SB30	KMMX-B10-SMT1SB30TR	E	Type B, SMT with T/H shield tabs, 30µ"	2.43	2.05	1.78
806-KMMXB10SMT4SB30	KMMX-B10-SMT4SB30TR	F	Type B, SMT with SMT shield tabs, 30µ"	2.43	2.05	1.78

KYCON SURFACE MOUNT MICRO-USB SOCKET CONNECTORS

- Features:**
- More compact footprint than mini-USB
 - Stainless Steel shell yields more than 10,000 cycles
 - Contacts - Copper Alloy, 30µ" Gold plated
 - RoHS Compliance per Kycon Documentation



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Insulator Color	Type	Price Each		
					1	25	100
806-KMMX-ABSMT5SG-30	KMMX-ABSMT5SG-30TR	G	Gray	AB	1.23	1.10	1.05
806-KMMX-BSMT5SB-30	KMMX-BSMT5SB-30TR	G	Black	B	1.01	.90	.87
806-KMMLXBSMT5SB30TR	KMMLX-BSMT5SB-30TR	H	Black	Mid Mount B	1.10	1.03	.971

KYCON SURFACE MOUNT MINI-USB SOCKET CONNECTORS

- Features:**
- Overall size 1/3 of standard USB
 - Contacts: Phosphor bronze, 30µ" gold plated
 - High Temperature Thermoplastic, UL94V-0 Rated
 - RoHS Compliance per Kycon Documentation

- Insulation resistance: 1000MΩ min.
- Contact current rating: 1A max.
- Contact resistance: 50mΩ max.
- Shell: Copper alloy
- Voltage rating: 30VAC
- Meets USB 2.0 specification



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MOUSER STOCK NO.	Kycon Part No.	Fig.	Insulator Color	Type	Price Each		
					1	25	100
806-KMAXSMT5SS30TR	KMAX-SMT-5S-S30TR	I	White	A	2.51	1.96	1.77
806-KMABXSMT5SS30T	KMABX-SMT-5S-S-30TR	I	Gray	AB	4.08	3.19	2.25
806-KMBXSMT5SS30TR	KMABX-SMT-5S-S30TR	I	Black	B	3.52	3.33	2.35
806-KMBXSMT4SS30T	KMBX-SMT-4-S-S-30TR	I	Black	B	2.99	2.83	2.00

KYCON HDMI CONNECTORS

- Features:**
- Rated Voltage: 40V AC (R.M.S)
 - Contact Current Rating: 0.5A Min.
 - Dielectric Withstanding: 500V AC (unmated)/300V AC (mated)
 - Plating: 30µ" Gold plated over Nickel

- Shell: Copper Alloy, Solderable Nickel plated
- Insulator: UL94V-0 Rated Thermoplastic
- Operating Temperature: -25°C to 85°C
- RoHS Compliance per Kycon Documentation



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Insulator Color	Price Each		
				1	25	100
806-KDMIX-FS1-NS-B	KDMIX-FS1-NS-B	J	Receptacle, Type A, SMT shield with Flange	2.67	2.42	2.19
806-KDMIX-FS2-NS-B	KDMIX-FS2-NS-B	K	Receptacle, Type A, Dip shield with Flange	3.66	3.53	2.58
806-KDMIX-FS2-WS-B	KDMIX-FS2-WS-B	K	Receptacle, Type A, Dip shield w/Top Spring & Flange	3.72	3.35	2.83
806-KDMIX-NS1-NS-B	KDMIX-NS1-NS-B	L	Receptacle, Type A, SMT shield	2.54	2.34	2.07
806-KDMIX-NS2-NS-B	KDMIX-NS2-NS-B	M	Receptacle, Type A, TH shield, no Top Spring	3.66	3.53	2.58
806-KDMI42XFS2WSB15	KDMI42X-FS2-WS-B15	N	Dual stack with shield	5.79	5.21	4.81
806-KDMI42XFS1VWSB30	KDMI42X-FS1V-WS-B30	O	Vertical SMT with Flange	3.28	2.96	2.73
806-KDMI42XSLFWSB15	KDMI42X-SL-FS-WS-B15	P	Upright TH Shield Tabs with Spring & Flange	5.91	5.23	4.85
806-KMDMIXNS3AWSBTR	KMDMIX-NS3A-WS-BTR	Q	Mini Recept., R/A SMT, Top Spring w/standard brd lock	4.35	3.97	3.66
806-KMDMIXNS3BWSBTR	KMDMIX-NS3B-WS-BTR	Q	Mini Recept., R/A SMT, Top Spring w/indented brd lock	3.69	3.38	3.11
806-KMMDMIXNS3WSBTRT	KMMDMIX-NS3-WS-BTRT	Q	Micro Receptacle, R/A SMT with Spring	2.57	2.39	2.19

KYCON 4P MINI IEEE 1394 CONNECTORS

- Features:**
- Insulator: PBT thermoplastic, black, UL94V-0 rated
 - Shell: Stainless steel, tin plating
 - Dielectric withstanding voltage: 750VAC for 1 min.

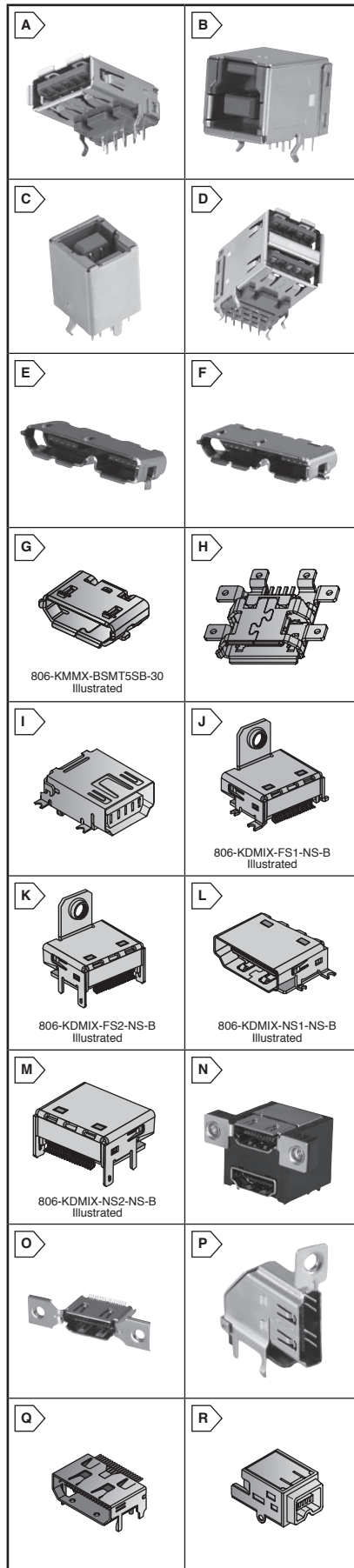
- RoHS Compliance per Kycon Documentation
- Rated up to 400Mbps
- Contacts: Phosphor bronze, 30µ" gold plating
- Insertion force: 2kg max.
- Capacitance: 2pF max.
- Withdrawal force: 0.5kg min.
- Voltage rating: 30VAC



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MOUSER STOCK NO.	Kycon Part No.	Fig.	Insulator Color	Price Each		
				1	25	100
806-KMFSX-PR-200B-30	KMFSX-PR-200B-30	R	PCB Mount	2.14	1.90	1.70
806-KMFSX-PR-201B-30	KMFSX-PR-201B-30	R	PCB Mount	2.14	1.90	1.70



Data/Network/Telecom

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