

PUSH-PULL CONNECTORS

Overview



	00 SERIES	P-SERIES		B-SERIES			K-SERIES			T-SERIES		
	MINI	SIZE 1	SIZE 2	SIZE 0	SIZE 1	SIZE 2	SIZE 0	SIZE 1	SIZE 2	SIZE 0	SIZE 1	SIZE 2
No. pins	2-7	2-16	2-34	2-10	2-16	2-32	2-10	2-16	2-32	2-10	2-16	2-32
Cable diameter	2-3.3mm	3.5-6.5mm	3.2-9.2mm	1.6-5.0mm	2.1-7.0mm	3.1-9.7mm	1.6-5.0mm	3.1-7.0mm	4.1-10.0mm	2.1-5.0mm	2.1-7.0mm	3.1-9.7mm
Cable connectors	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Panel connectors	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
R-A PCB connectors	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
Contact termination	Solder/PCB	Solder/PCB	Solder/PCB	Solder/PCB	Solder/PCB	Solder/PCB	Solder	Solder	Solder	Solder	Solder	Solder
IP rating (mated pair)	IP50	IP50		IP50			IP68			IP68		
RoHS compliant	Y	Y		Y			Y			Y		
Keying design	Pin & groove	Pin & groove		Pin & groove			Pin & groove			Pin & groove		
Mating cycles	>5000	>2000	>1000	>5000			>5000			>5000		
Current rating	0.8 – 5A	1.5 – 10A	1.5 – 30A	2 – 10A	1.5 – 15A	1.5 – 30A	2 – 10A	1.5 – 15A	1.5 – 30A	2 – 10A	1.5 – 15A	1.5 – 30A
Shell material	Chromium plated brass	PSU plastic		Chromium plated brass			Chromium plated brass			Chromium plated brass		
Operating temp range	-55°C to +200°C	-55°C to +150°C		-55°C to +200°C			-55°C to +200°C			-55°C to +200°C		
Vibration resistance	15g (10Hz-2000Hz)	15g (10Hz-2000Hz)		15g (10Hz-2000Hz)			15g (10Hz-2000Hz)			15g (10Hz-2000Hz)		
Shock resistance	100g (6ms)	100g (6ms)		100g (6ms)			100g (6ms)			100g (6ms)		
Insulator resistance	5 GΩ	5 GΩ		5 GΩ			5 GΩ			5 GΩ		
Shielding	Full 360° EMI/RFI	NONE		Full 360° EMI/RFI			Full 360° EMI/RFI			Full 360° EMI/RFI		
Sectors	<ul style="list-style-type: none"> • Aviation • Communications/AV • Industrial machinery • Medical • Research • Test & measure 	<ul style="list-style-type: none"> • Medical • Public sector • Test & measure 		<ul style="list-style-type: none"> • Aviation • Automotive • Communications/AV • Industrial machinery • Medical • Public sector • Research • Robotics • Test & measure 			<ul style="list-style-type: none"> • Aviation • Audio/video • Industrial control • Medical • Military • Public sector • Research • Robotics • Test & measure 			<ul style="list-style-type: none"> • Aviation • Automotive • Audio/video • Industrial control • Military • Public sector • Research • Test & measure 		

