



JWPS Waterproof Connector

B - W



W - W



Receptacle Housing Assembly



2 Circuits



4 Circuits

Tab Housing Assembly

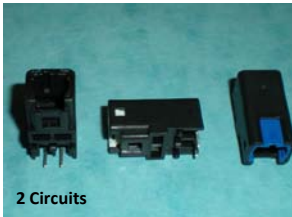


2 Circuits

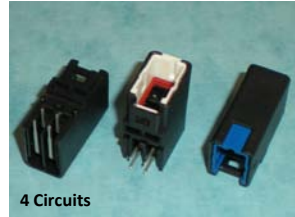


4 Circuits

Header Housing Assembly



2 Circuits



4 Circuits

Items		Specifications
Circuit		2 & 4
Pitch		4 mm
Current Rating		6A AC/DC (AWG #18), 5A AC/DC (AWG #20), 4A AC/DC (AWG #22)
Voltage Rating		300V AC/DC
Temperature Range		- 55 to + 85 degree C
Insulation Resistance		500 MΩ min.
Withstanding Voltage		AC 2.2kV
Waterproof Grade		IPX7
Material	Receptacle Housing Assembly	Receptacle Housing: Glass-filled PBT, UL94V-0
		Seal Rubber Plate: Silicon Rubber
		Retainer: PBT, UL94V-0
	Tab Housing Assembly	Tab Housing: Glass-filled PBT, UL94V-0
		Seal Ring Holder: Glass-filled PBT, UL94V-0
		Seal Ring: Silicon Rubber
		Seal Rubber Plate: Silicon Rubber
		Retainer: PBT, UL94V-0
	Header Housing Assembly	Tab Contact: Copper Alloy, Nickel Under Plated, Tin Plated
		Header Housing: Glass-filled PBT, UL94V-0
		Seal Ring Holder: Glass-filled PBT, UL94V-0
	Receptacle Contact	Copper Alloy, Tin Plated
	Tab Contact	Copper Alloy, Tin Plated
Applicable Wire	AWG	AWG #22 to #18
	Conductor Size	0.32 to 0.86 mm ³
	Insulation O.D.	φ1.6 to 2.5 mm

Available Parts & Descriptions

Receptacle Housing Assembly	Key	Color	Circuit	Seal Rubber Plate Holes
02R-JWPS-VKN-SX-B	X	Black	2	without (Brown Color Silicon)
02R-JWPS-VSN-SY-B	Y	White		
02R-JWPS-VEN-SZ-B	Z	Blue		
04R-JWPS-VKN-DX-B	X	Black	4	without (Brown Color Silicon)
04R-JWPS-VSN-DY-B	Y	White		
04R-JWPS-VEN-DZ-B	Z	Blue		
04R-JWPS-VKLE-DX-A	X	Black	4	with (Blue Color Silicon)
04R-JWPS-VELE-DZ-A	Z	Blue	4	with (Blue Color Silicon)



Tab Housing Assembly	Key	Color	Circuit	Seal Rubber Plate Holes
02T-JWPS-VKEN-SZ-B	Z	Blue	2	without (Brown Color Silicon)
04T-JWPS-VKKN-DX-B1	X	Black	4	without (Brown Color Silicon)
04T-JWPS-VKKLE-DX-A1	X	Black	4	with (Blue Color Silicon)
04T-JWPS-VKELE-DZ-A1	Z	Blue	4	with (Blue Color Silicon)



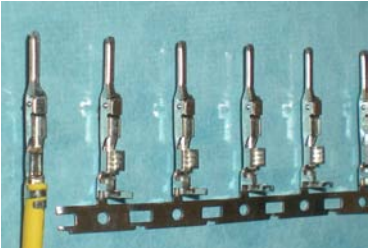
Header Housing Assembly	Key	Color	Circuit
S02B-JWPS-KKS-XR (LF)(SN)	X	Black	2
S02B-JWPS-KSS-YR (LF)(SN)	Y	White	
S02B-JWPS-KES-ZR (LF)(SN)	Z	Blue	
S04B-JWPS-KKS-XR (LF)(SN)	X	Black	4
S04B-JWPS-KSS-YR (LF)(SN)	Y	White	
S04B-JWPS-KES-ZR (LF)(SN)	Z	Blue	



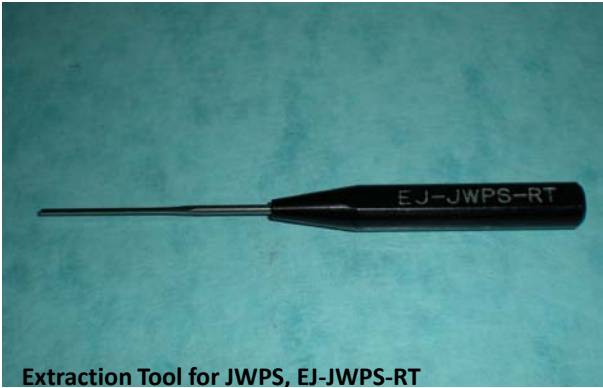
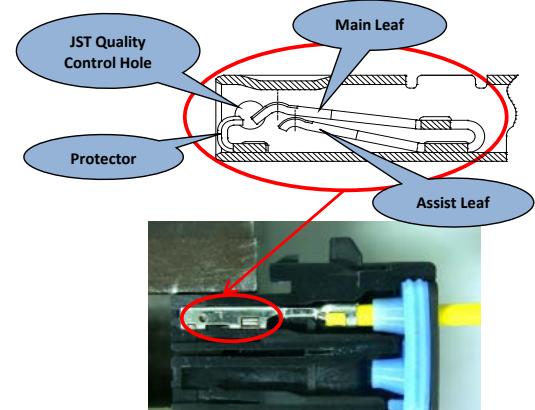
Receptacle Contact
SIWPSR-21T-P1.0



Tab Contact
SIWPST-21T-M1.0N



Receptacle Contact Cross Section



Extraction Tool for JWPS, EJ-JWPS-RT