



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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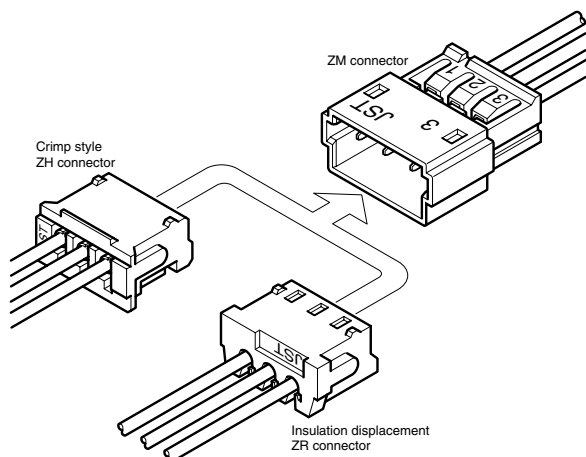
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





ZM CONNECTOR

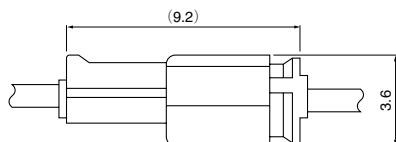
1.5mm pitch/Crimp style Wire-to-wire connectors Matable with ZH and ZR receptacles



1.5mm pitch connectors allow higher densities.

- **Compact design**
- **Housing-to-terminal locks**
- **Both crimp style and insulation displacement receptacles can be used**
- **Fully shrouded header resists "rocking" during mating**

ZM/ZH connector



Specifications

- Current rating: 0.7A AC, DC max. (AWG #28)
 - Voltage rating: 50V AC, DC max. (See Note below.)
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/ 20m Ω max.
After environmental testing/ 30m Ω max.
 - Insulation resistance: 500M Ω min.
 - Withstanding voltage: 500V AC/minute
 - Applicable wire: AWG #30 to #28
- Note: Contacts are exposed at the housing lances.
Care should be taken so that these parts do not touch the metal section of the chassis.*

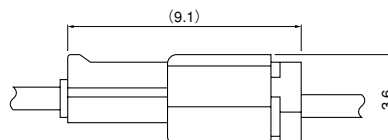
- * Compliant with RoHS.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.

Standards

Recognized E60389

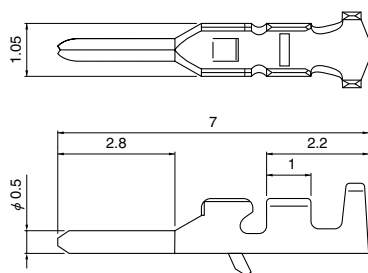
Certified LR20812

ZM/ZR connector

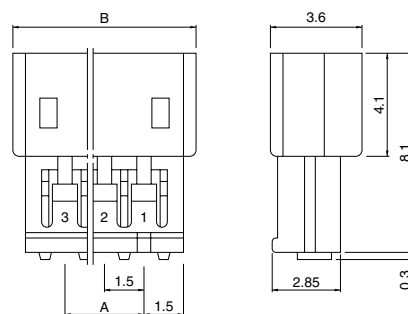


Plug / ZM connector

Contact



Housing



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel
	mm ²	AWG #		
SMM-003T-P0.5	0.05~0.08	30~28	0.7~0.9	16,000

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SMM-003T-P0.5	AP-K2N	MKS-L	MK/SMM-003-05	APLMK SMM003-05
		*MKS-SC	SC/SMM-003-05	APLSC SMM003-05

Note: *Strip-crimp applicator

Circuits	Model No.	Dimensions (mm)		Q'ty / bag
		A	B	
2	ZMR-02	1.5	5.5	2,000
3	ZMR-03	3.0	7.0	2,000
9	ZMR-09	12.0	16.0	1,000
13	ZMR-13	18.0	22.0	1,000

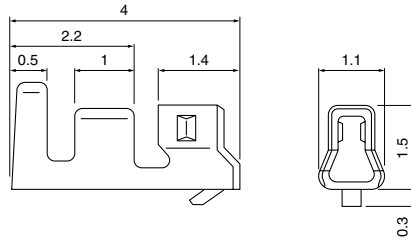
Material

Glass-filled PA 66, UL94V-0

RoHS compliance

Receptacle / ZH connector (Crimp style)

Contact



Model No.	Dimensions (mm)		Insulation (mm)	Q'ty / reel
	mm ²	AWG #		
SZH-003T-P0.5	0.032~0.08	32~28	0.5~0.9	16,000

Material and Finish

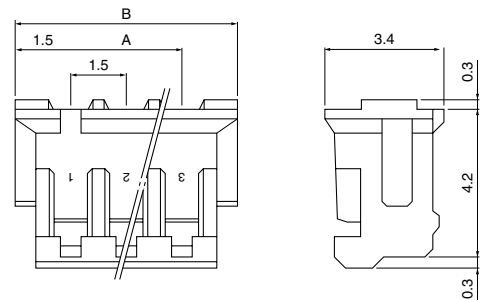
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SZH-003T-P0.5	AP-K2N	MKS-L	MK/SZH-003-05	APLMK SZH003-05
		*MKS-SC	SC/SZH-003-05	APLSC SZH003-05

Note: *Strip-crimp applicator

Housing



Circuits	Model No.	Dimensions (mm)		Q'ty / bag
		A	B	
2	ZHR-2	1.5	4.5	1,000
3	ZHR-3	3.0	6.0	1,000
9	ZHR-9	12.0	15.0	1,000
13	ZHR-13	18.0	21.0	1,000

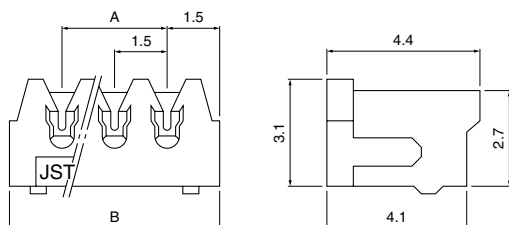
Material

PA 66, UL94V-0

RoHS compliance

Receptacle / ZR connector (IDC)

Receptacle



Circuits	Model No.		Dimensions (mm)		Q'ty / bag
	AWG #30	AWG #28	A	B	
2	02ZR-3H-P	02ZR-8M-P	1.5	4.5	2,000
3	03ZR-3H-P	03ZR-8M-P	3.0	6.0	2,000
9	09ZR-3H-P	09ZR-8M-P	12.0	15.0	2,000
13	13ZR-3H-P	13ZR-8M-P	18.0	21.0	2,000

Material

Contact: Phosphor bronze, tin-plated (reflow treatment)
Housing: Glass-filled PA 66, UL94V-0

RoHS compliance