

ZH23 Series Shell Size 18 7 Pin Male Plug with Straight Tail Attachment (Key Position: A)

Part Number:

zh23-7_18B-6a-B

Basic Information	
Connector Type	Plug
Orientation	Straight
Number of Positions	7 Pin
Contact Termination	Solder
Fastening Type	Bayonet Connection
Contact Size	Φ1.5
Series	ZH23 series bayonet connectors
Contact Type	Male
Shell Size	18

Mechanical Specification	
Durability	500 cycles
Mechanical and Working Life	500 Cycles

Material Specification	
Shell Material	Aluminum Alloy Surface Anodized Treatment, Zinc Alloy Nickel Plating (Industrial Grade)
Contact Material	Copper Alloy Gold
Contact Finish	gold

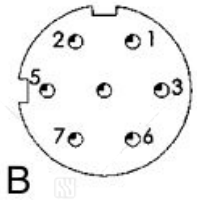
Electrical Specification

Rated Current	140A
Contact Resistance	≤2.5mΩ
Insulating Materials	PPS (industrial grade)/ High temperature resistant epoxy molding compound (mil grade)
Insulation Impedance	≥5000MΩ
Operating Voltage	700V
Test voltage	2100V

Environmental Specification

Operating Temperature	-60℃ - +200℃
Relative Humidity	40℃-65℃ 95%-98%
Impact	Acceleration 500g (Once); 150g (Multiple Times)
Salt Spray Resistance	96h
Vibration	Acceleration 40g (1-5000HZ)

Contact Layout



How to Order

China:

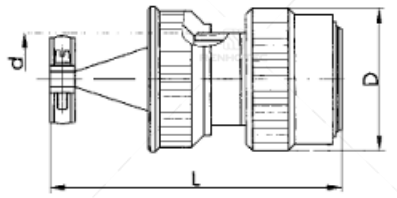
ZH23 – 3/ 14 B – 2 – b – B

ZH23 – 3/ 14 P – 6 –a – B

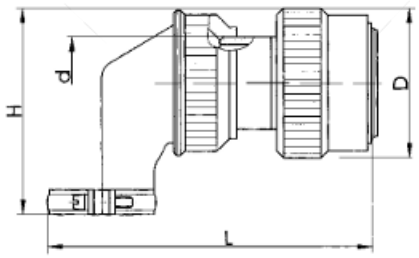
- Series
- Contacts
- Shell Size
- Gender: B(Male) P(Female)
- Tail attachments and connector type codes
- Key position
- all-climate version

Size

6 - Plug with straight clamp cable tail attachment



8 - Plug with angled clamp cable tail attachment



型号	Size in mm		
	Dmax	d	Lmax
CHЦ23-4/14B(P)-6-B	22.6	M14×0.5	50
CHЦ23-3/14B(P)-6-B			
CHЦ23-10/18B(P)-6-B	26	M18×1	
CHЦ23-7/18B(P)-6-B			
CHЦ23-19/22B(P)-6-B	29.7	M22×1	
CHЦ23-10/22B(P)-6-B			
CHЦ23-7/22B(P)-6-B			
CHЦ23-19/24B(P)-6-B	32.9	M24×1	
CHЦ23-32/27B(P)-6-B	35.3	M27×1	
CHЦ23-19/27B(P)-6-B			
CHЦ23-28/27B(P)-6-B			
CHЦ23-41/30B(P)-6-B	38	M30×1	
CHЦ23-24/30B(P)-6-B			
CHЦ23-55/33B(P)-6-B	42	M33×1	
CHЦ23-32/33B(P)-6-B			
CHЦ23-61/36B(P)-6-B	46	M36×1	
CHЦ23-43/36B(P)-6-B			
CHЦ23-45/39B(P)-6-B	49	M39×1	

Model	Size in mm			
	D	d	Hmax	Lmax
CHЦ23-4/14B(P)-8-B	22	M14×0.5	45	69
CHЦ23-3/14B(P)-8-B				
CHЦ23-10/18B(P)-8-B	26	M18×1		
CHЦ23-7/18B(P)-8-B				
CHЦ23-19/22B(P)-8-B	29.5	M22×1		
CHЦ23-10/22B(P)-8-B				
CHЦ23-7/22B(P)-8-B				
CHЦ23-19/24B(P)-8-B	32	M24×1		
CHЦ23-32/27B(P)-8-B	35	M27×1		
CHЦ23-19/27B(P)-8-B				
CHЦ23-28/27B(P)-8-B				
CHЦ23-41/30B(P)-8-B	38	M30×1		
CHЦ23-24/30B(P)-8-B				
CHЦ23-55/33B(P)-8-B	42	M33×1		
CHЦ23-32/33B(P)-8-B				
CHЦ23-61/36B(P)-8-B	46	M36×1		
CHЦ23-43/36B(P)-8-B				
CHЦ23-45/39B(P)-8-B	49	M39×1		

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.