

OHS series bayonet ultra-small connectors

OHS series bayonet ultra-small connectors mainly adopt Russian connector technology. This type of connector is widely used in DC and AC circuits of various electrical, radio and control instruments. It consists of plugs and sockets, with multi-level key positions for installation. The coupling mode of the connector is bayonet type. The socket has no tail attachment and the plug has a straight plastic tail attachment. At the same time, it can be matched and interchanged with the original parts of the Russian O H \sqcup series.

Technical performance

Contact resistance: $\leq 5m\Omega$

Vibration: 1-5000Hz 20g

Insulation resistance: $\geq 1000M\Omega$ (Normal)

Contact OD: $\varnothing 1.0mm$

Ambient Temperature: -60 - 200



working current, working voltage:

Shell Size	Contacts	Maximum current per single contact, A	Total Current(A)	Operating voltage(V)
10	4	3.7	15	250
12	7	3.1	22	250
14	10	3.0	30	250
18	19	2.1	40	250
22	32	1.8	60	250
27	50	1.5	75	250

Life span: 250 Times, 15,000 hours operating time

Technical conditions: EPO.364.030TV

Shell Size	10	12	14	18
Contacts	4	7	10	19
Pin-out Arrangements				
Shell Size	22		27	
Contacts	32		50	
Pin-out Arrangements				

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HOW to order

Russian: O H Ц –B C 1 (2) 4/10 B(P) 1(2) 1 (2,3) B

O H Ц-Series
B- Bayonet
C-ultra-small

1.Silver Plated
2.Golded Plated

Contacts/Shell Size

B : Socket (Male) P: Plug (Female)

1.Without tail attachment
2.With plastic tail attachment

Key position

All-climate version

China: O H S-B C 1 (2) 4/10 B(P) 1(2) 1 (2,3) B

O H S-Series
B-Bayonet
C-ultra-small

1.Silver Plated
2.Golded Plated

Contacts/Shell Size

B Socket (Male) P Plug (Female)

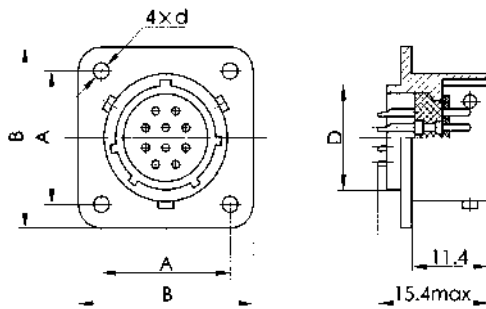
1.Without tail attachment
2. With plastic tail attachment

Key position

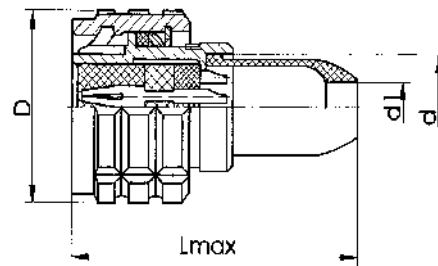
All-climate version

Appearance and installation dimensions

Socket without tail attachments (Male)



Plug with tail attachments (Female)



Shell Size	Size in mm				
	D	d	A	B	b
10	10	2.2	11.8	20	1.4
12	12	2.2	13.2	21	1.4
14	14	2.2	15	24	1.4
18	18	2.2	18	27	1.4
22	22	2.7	21.5	31	1.8
27	27	3.2	26	36	2

Shell Size	Size in mm			
	D	d	d 1	Lmax
10	20	M10×0.75	4.5	30
12	21	M12×0.75	6	31
14	24	M14×0.75	7	32
18	27	M18×0.75	9.2	33
22	31	M22×0.75	11	34
27	36	M27×0.75	13	36