



























For insulator of B series & K series







Series	00					
Pin array						
Contacts	2pin	3pin	4pin			
Diameter of contact(mm)	0.5	0.5	0.5			
Contact resistance(mΩ)	10	10	10			
Working currency(A)	5	3	2			
Test voltage(V)	1000	800	800			
Working voltage(V)	330	260	260			







Series	0B-0K-0C						
Pin array							
Contacts	2pin	3pin	4pin	5pin	6pin	7pin	9pin
Diameter of contact(mm)	0.9	0.9	0.7	0.7	0.5	0.5	0.5
Contact resistance(mΩ)	6	6	7.5	7.5	10	10	10
Working currency(A)	10	8	7	6.5	2.5	2.5	2
Test voltage(V)	1300	1200	850	850	850	800	600
Working voltage(V)	430	400	280	280	280	260	200







Series	1B-1K-1C					
Pin array						
Contacts	2pin	3pin	4pin	5pin	6pin	7pin
Diameter of contact(mm)	1.3	1.3	0.9	0.9	0.7	0.7
Contact resistance(mΩ)	5	5	6	6	7.5	7.5
Working currency(A)	15	12	10	9	7	7
Test voltage(V)	1500	1300	1300	1250	1050	950
Working voltage(V)	500	430	430	415	350	315

Series	1B-1K-1C					
Pin array						
Contacts	8pin	10pin	12pin	14pin		
Diameter of contact(mm)	0.7	0.5	0.5	0.5		
Contact resistance(mΩ)	7.5	10	10	10		
Working currency(A)	5	2.5	2	2		
Test voltage(V)	950	900	850	800		
Working voltage(V)	315	300	280	260		

Series	2B-2K-2C					
Pin array						
Contacts	2pin	3pin	4pin	5pin	6pin	8pin
Diameter of contact(mm)	2.0	1.6	1.3	1.3	1.3	0.9
Contact resistance(mΩ)	3	4	5	5	5	6
Working currency(A)	30	17	15	14	12	10
Test voltage(V)	2100	2400	1850	1750	1350	1500
Working voltage(V)	700	800	610	580	450	500

Series	2B-2K-2C					
Pin array						
Contacts	10pin	12pin	14pin	16pin	19pin	26pin
Diameter of contact(mm)	0.9	0.7	0.7	0.7	0.7	0.5
Contact resistance(mΩ)	6	7.5	7.5	7.5	7.5	10
Working currency(A)	8	7	6.5	6	5	2
Test voltage(V)	1450	1250	1150	950	850	950
Working voltage(V)	500	480	380	315	280	315

Series	3B-3K-3C					
Pin array						
Contacts	3pin	4pin	5pin	6pin	10pin	12pin
Diameter of contact(mm)	2.0	2.0	1.6	1.3	1.3	0.9
Contact resistance(mΩ)	3	3	4	5	5	6
Working currency(A)	25	19	19	13	12	9
Test voltage(V)	1900	1450	1900	1650	1250	1250
Working voltage(V)	625	475	625	545	415	415

Series	3B-3K-3C					
Pin array						
Contacts	14pin	16pin	18pin	21pin	26pin	30pin
Diameter of contact(mm)	0.9	0.9	0.9	0.7	0.7	0.7
Contact resistance(mΩ)	6	6	6	7.5	7.5	7.5
Working currency(A)	9	8	7	6	4	3.5
Test voltage(V)	1200	1200	1200	1000	950	800
Working voltage(V)	395	395	395	330	315	265

For Insulator of S series

Series	0S		
Pin array plug (L) Receptacle (R)			
Contacts	2pin	3pin	4pin
Diameter of contact (mm)	0.9	0.7	0.7
Contact resistance (mΩ)	6	7.5	7.5
Working current (A)	10	7	7
Test voltage (V)	1500	1000	1000
Working voltage (V)	500	330	330

Series	1S					
Pin array plug (L) Receptacle (R)						
Contacts	2pin	3pin	4pin	5pin	5pin	6pin
Diameter of contact (mm)	1.3	0.9	0.9	0.9	0.7	0.7
Contact resistance (mΩ)	5	6	6	6	7.5	7.5
Working current (A)	15	10	10	10	7	7
Test voltage (V)	1200	1200	1200	1500	1500	1500
Working voltage (V)	400	400	400	500	500	500

Series	0F							
Pin array	Single-key plug Single-key receptacle							
	Double-key plug Double-key receptacle							
Contacts	2pin	3pin	4pin	5pin	6pin	7pin	9pin	
Diameter of contact (mm)	0.9	0.9	0.7	0.7	0.5	0.5	0.5	
Contact resistance (mΩ)	6	6	7.5	7.5	10	10	10	
Working current (A)	10	8	7	6.5	2.5	2.5	2	
Test voltage (V)	1300	1200	850	850	850	800	600	
Working voltage (V)	430	400	280	280	280	260	200	

Series	1F						
Pin array	Single-key plug Single-key receptacle						
	Double-key plug Double-key receptacle						
Contacts	2pin	3pin	4pin	5pin	6pin	7pin	
Diameter of contact (mm)	1.3	1.3	0.9	0.9	0.7	0.7	
Contact resistance (mΩ)	5	5	6	6	7.5	7.5	
Working current (A)	15	12	10	9	7	7	
Test voltage (V)	1500	1300	1300	1250	1050	950	
Working voltage (V)	500	430	430	415	350	315	



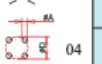

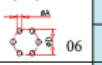
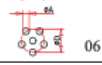
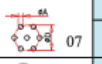

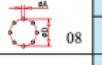
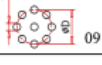

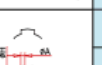
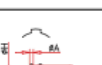
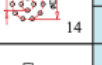

Series	1B-1K-1C				
Pin array	Single-key plug Single-key receptacle				
	Double-key plug Double-key receptacle				
Contacts	8pin	10pin	12pin	14pin	
Diameter of contact (mm)	0.7	0.5	0.5	0.5	
Contact resistance (mΩ)	7.5	10	10	10	
Working current (A)	5	2.5	2	2	
Test voltage (V)	950	900	850	800	
Working voltage (V)	315	300	280	260	

Series	2E							
Pin array	Plug							
	Receptacle							
Contacts	2pin	3pin	4pin	6pin	8pin	10pin	12pin	
Diameter of contact (mm)	1.6	1.3	1.3	1.3	0.7	0.7	0.7	
Contact resistance (mΩ)	4	5	5	5	7.5	7.5	7.5	
Working current (A)	20	15	15	12	7	7	5	
Test voltage (V)	1800	1500	1800	1500	950	950	600	
Working voltage (V)	600	500	600	500	315	315	200	





Series	1P				
Pin array					
Contacts	2pin	3pin	4pin	5pin	6pin
Diameter of contact (mm)	1.3	1.3	0.9	0.9	0.7
Contact resistance (mΩ)	5	5	6	6	7.5
Working current (A)	10	10	8	8	6
Test voltage (V)	1250	1250	1250	1100	1000
Working voltage (V)	500	500	500	500	450

Series	1P				
Pin array					
Contacts	7pin	8pin	9pin	10pin	14pin
Diameter of contact (mm)	0.7	0.7	0.5	0.5	0.5
Contact resistance (mΩ)	7.5	7.5	10	10	10
Working current (A)	6	5	3	3	3
Test voltage (V)	1000	875	600	600	600
Working voltage (V)	450	400	333	333	333

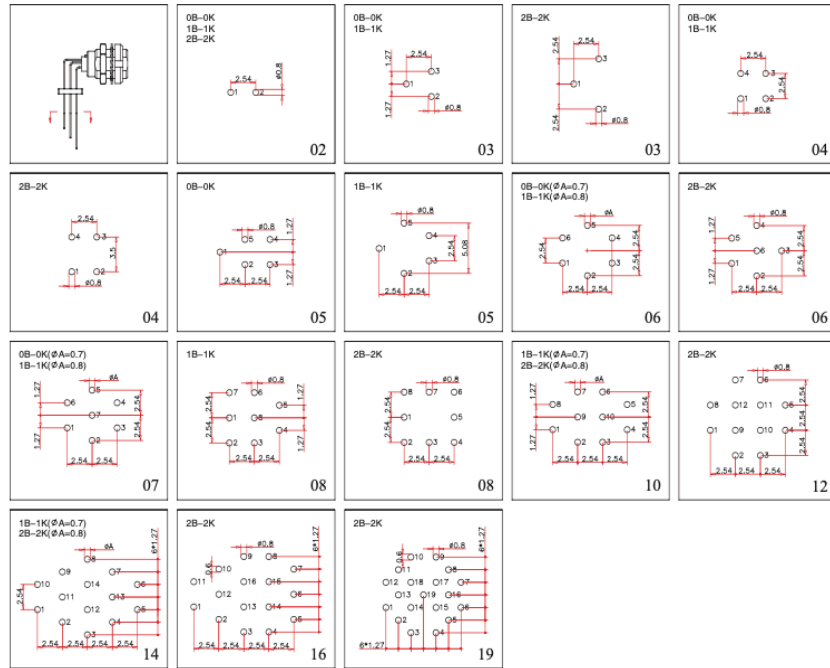
Dimension of PCB holes for B Series, K Series, SZ straight receptacle, PZ receptacle, MZ receptacle.

Contacts	Type	0B,0K	1B,1K	2B,2K	Contacts	Type	0B,0K	1B,1K	2B,2K
 02	A	0.8	0.8	0.8	 03	A	0.8	0.8	0.8
	D	2.2	2.8	4.4		D	2.3	3.0	4.6
 04	A	0.6	0.8	0.8	 05	A	0.6	0.8	0.8
	D	2.5	3.4	5.0		D	2.8	3.4	5.2
 06	A	0.6	0.8		 06	A			0.8
	D	3.0	3.7			D			5.6
 07	A	0.6	0.8	0.8	 08	A		0.8	
	D	3.0	3.7	5.8		D		3.8	
 08	A			0.8	 09	A	0.7		
	D			6.4		D	3.2		
 10	A		0.6	0.8	 12	A			0.8
	H		1.4	2.15		H			2.8
	D		3.95	6.20		D			6.5
 14	A		0.6	0.8	 16	A			0.8
	H		1.8	2.65		H			3.10
	D		4.4	6.5		D			6.60
 19	A			0.8	 26	A			0.6
	H			3.50		H			4.2
	D			6.7		D			7
	C					C			1.6

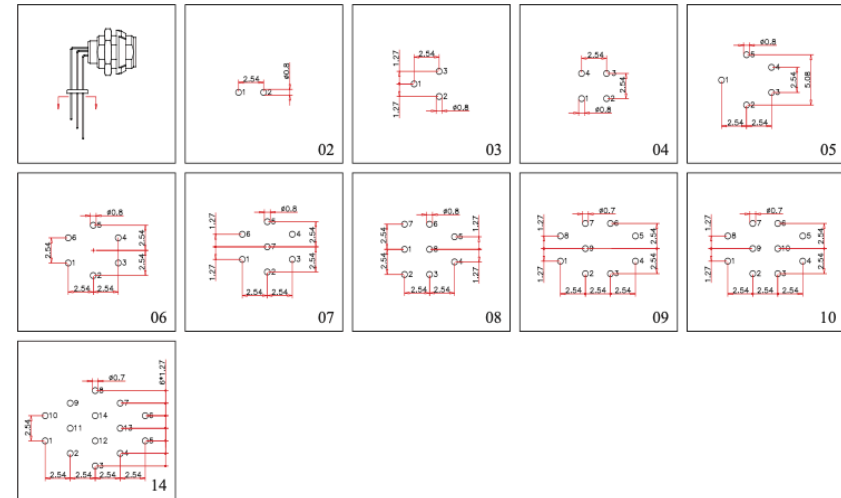
Dimension of PCB holes for S Series, SZ straight receptacle, PZ receptacle.

Contacts	Type	0S	1S	Contacts	Type	0S	1S	Contacts	Type	0S	1S
 02	A	0.8	0.8	 03	A	0.8	0.8	 04	A		0.8
	D	2.2	3.0		D	2.8	3.5		D		3.5
 05	A	0.8	0.8	 06	A		0.8				
	D	2.8	3.5		D		3.5				

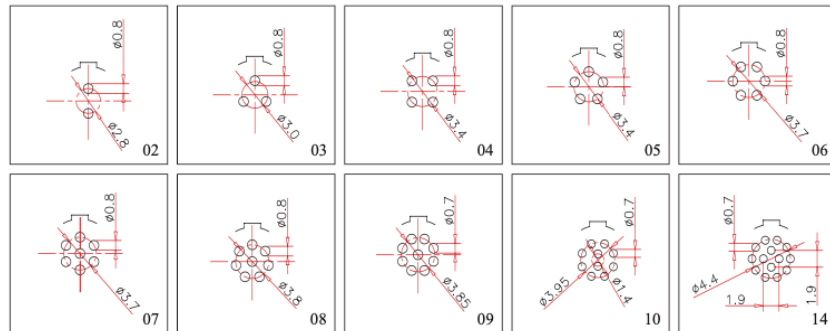
Dimension of PCB holes for B Series, K Series, SZ straight receptacle, PZ receptacle, MZ receptacle Elbow (90 degree).



Dimension of PCB holes for 1P receptacle elbow (90 degree)



Dimension of PCB holes for 1P receptacle.

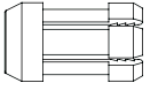
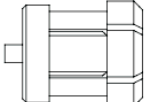
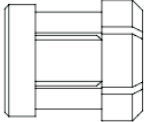


Key

Key	Drawing (front side review)	Series							
		00	0B	1B	2B	3B	0K	1K	2K
N		◆	◆	◆	◆	◆	◆	◆	◆
A		◆	◆	◆	◆	◆	◆	◆	◆
B					◆	◆	◆	◆	◆
			◆	◆					
C					◆	◆	◆	◆	◆
			◆	◆					
D					◆	◆	◆	◆	◆
			◆	◆					
E					◆	◆	◆	◆	◆
			◆	◆					
F					◆	◆	◆	◆	◆

Key	Drawing (front side review)	Series							
		00	0B	1B	2B	3B	0K	1K	2K
F			◆	◆					
I				●					
J					◆	◆			
			●	●					
K					◆	◆			
			●	●					
L					●	●			
							●	●	●
			●	●					
M				◆					
X			●	●	●	●	●	●	●

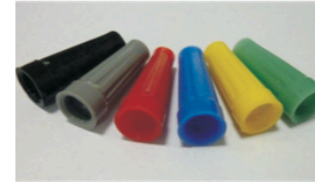
Cable collet

 <p>For S Series</p>	Collet code	Cable Φ(mm)	0S		1S		
	25	2.0-2.5	●				
	30	2.6-3.0	●			●	
	35	3.1-3.5	●			●	
	40	3.6-4.0	●			●	
	45	4.1-4.5				●	
	50	4.6-5.0				●	
 <p>For B Series</p>	Collet code	Cable Φ(mm)	00	0B	1B	2B	3B
	25	2.0-2.5	●	●			
	30	2.6-3.0	●	●			
	35	3.1-3.5	●	●	●		
	40	3.6-4.0		●	●	●	
	45	4.1-4.5		●	●	●	●
	50	4.6-5.0		●	●	●	●
	60	5.1-6.0			●	●	●
	70	6.1-7.0			●	●	●
	80	7.1-8.0				●	●
	90	8.1-9.0				●	●
	01	9.1-10.0				●	●
 <p>For K Series</p>	Collet code	Cable Φ(mm)	0K		1K	2K	
	40	3.6-4.0	●		●		
	45	4.1-4.5	●		●		
	50	4.6-5.0	●		●	●	
	60	5.1-6.0			●	●	
	70	6.1-7.0			●	●	
	75	7.1-7.5				●	
80	7.6-8.0				●		
	85	8.1-8.5				●	

Panel hole dimension

	00	0B	1B	2B	3B	0K	1K	2K	0S	1S
	A	8.3	10.6	13.6	16.6	12.6	14.6	18.6	8.3	10.6
	D	9.1	12.1	15.1	18.1	14.1	16.1	20.1	9.1	12.1

Sleeve



Sleeve code	Cable Φ(mm)	0B	1B	2B	3B
25	2.5-2.9	●			
30	3.0-3.4	●	●		
35	3.5-3.9	●	●		
40	4.0-4.4	●	●	●	
45	4.5-5.0	●	●	●	
51	5.1-5.6		●	●	●
57	5.7-6.2		●	●	●
63	6.3-7.0		●	●	●
71	7.1-7.9		●	●	●
80	8.0-8.9			●	●
90	9.0-9.9			●	●
01	10.0-10.5				●

Sleeve color

Color	Blue	White	Gray	Yellow	Brown
Code	A	B	G	J	M
Color	Black	Red	Orange	Green	
Code	N	R	S	V	