

MB-B Series Push Pull Connectors

1. Overview

1.1 Plug

Straight Plug



MB-TGG



MB-TGG(Z)



MB-TGG.00



MB-TEG



MB-TFG



MB-TNG



MB-TAG



MB-TVG

Right Angle Plug



MB-THG



MB-THG(Z)



MB-TSG(Z)

1.2 Receptacle

Fixed Panel Mount Receptacle



MB-ZGG



MB-ZCG



MB-ZEG



MB-ZHG



MB-ZNG



MB-ZCG
(Elbow Contact)



MB-ZEG
(Elbow Contact)

Vacuum-tight Receptacle



MB-MEG



MB-MGG



MB-MHG



2. Push-Pull Self-Latching Connection System



Drawing	Specification
	<p>Engaging</p> <p>The self-latching system allows the connector to be mated by simply pushing the plug into the receptacle.</p>
	<p>Latched</p> <p>Once firmly latched, the connection cannot be broken by pulling on the cable or any other component part other than the outer release sleeve.</p>
	<p>Disengaging</p> <p>When required, the connector is disengaged by a single axial pull on the outer release sleeve. This first disengage the latches and then withdraws the plug from the socket.</p>

3. Main Features

- Secure push-pull self-latching system design
- Multiple key options for aligned and blind mating
- Keying system available (G, A, B, C, D, E, F, J, K, L.....)
- 360° screening for full EMC shielding
- Multipole types 2 to 48 contacts
- Supply size OOB, OB, 1B, 2B, 3B, 4B series
- Solder contact, PCB contacts (straight or elbow)
- Crimp contact can be customized
- High-density configurations for blind mating even in tight spaces
- Available customized cable assembly solution

4. Technical Characteristics

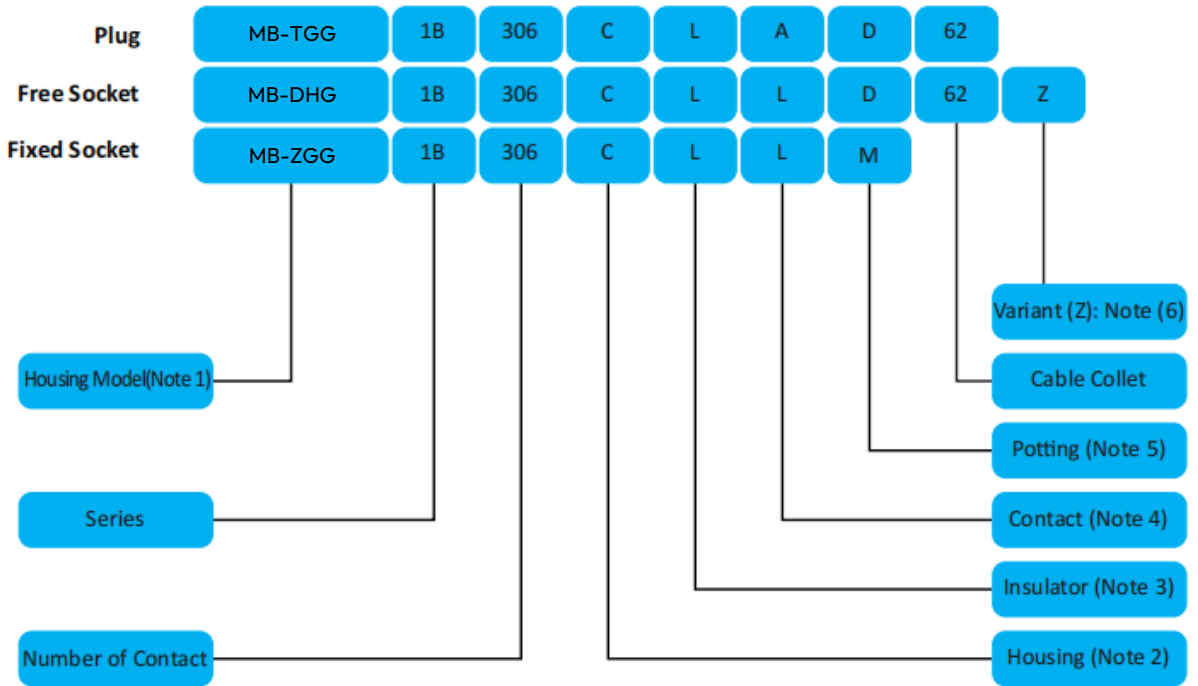
4.1 Mechanical and Climatical

Characteristics	Value	Standard
Endurance	>5000 cycles	IEC 60512-5 test 9a
Humidity	Up to 95% at 60°C	
Temperature Range	-40°C to +150°C	
Resistance to Vibration	10-2000Hz, 15g	IEC 60512-4 test 6d
Shock Resistance	100g, 6ms	IEC 60512-4 test 6c
Salt Spray Corrosion Test	>96h	IEC 60512-6 test 11f
Protection Index (mated)	IP 50	IEC 60529

4.1 Electrical

Characteristics	Value	Standard	
Shielding Efficiency	at 10 MHZ	>75 dB	IEC 60619-1-3
	at 1 GHZ	>40 dB	IEC 60619-1-3

5. Part Numbering System



***Note 1:**

To place an order for a chocolate design, please use the identifier MB12

MB-TGG.1B.306.CLAD62Z = 1B 6 pins straight plug, G key (alpha=0), pearl chrome plated brass housing, PPS insulator, male soldering contact type, 6.0 mm cable collet, nut for fitting bend relief

MB12-TGG.1B.306.CLAD62Z = 1B 6 pins straight plug, G key (alpha=0), pearl chrome plated brass housing, PPS insulator, male soldering contact type, 6.0 mm cable collet, nut for fitting bend relief, chocolate out shell design

***Note 2:**

C=Brass plated chrome

K=Brass plated black chrome (At the end of the model number, adding 'R' indicates a red dot, while adding 'W' indicates a white dot.)

N=Brass plated nickel

T=Stainless Steel

L=Aluminum alloy anodized

H=ABS/Brass (only for ZPX/ZXG)

***Note 3:**

L=PPS

T=PTFE

P=PEEK

***Note 4:**

- A=Male soldering contacts
- L=Female soldering contacts
- D=Male straight PCB contacts
- N=Female straight PCB contacts
- W=Male 90° PCB contacts
- V=Female 90° PCB contacts

***Note 5:**

- W=White silicone sealing
- T=Transparent epoxy resin seal

***Note 6:**

To request a model that includes a nut for fitting the bend relief, designate the variant position with the letter "Z" and include the bend relief part numbers MB-GMA.

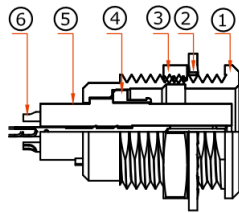
Bend relief color:

- N=Black G=Gray A=Blue R=Red J=Yellow V=Green

6. Part Section Showing Internal Components

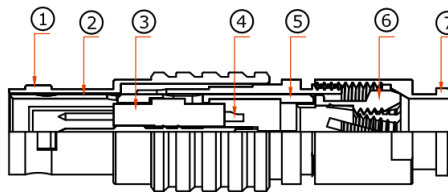
Fixed Receptacle

- ① Outer Shell
- ② Retaining Ring
- ③ Hexagonal Nut
- ④ Locking Washer
- ⑤ Insulator
- ⑥ Female Contact



Straight Plug

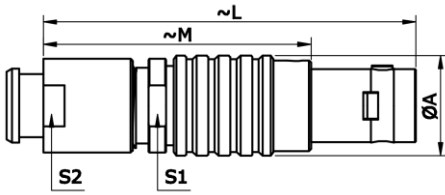
- ① Outer Shell
- ② Latch Sleeve
- ③ Insulator
- ④ Male Contact
- ⑤ Split Insert Carrier
- ⑥ Collet
- ⑦ Collet Nut



7. Product Size

MB-TGG

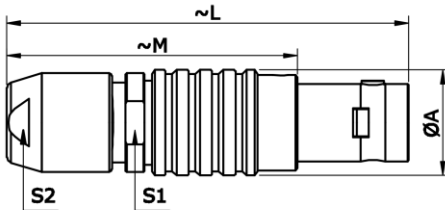
Cable mount straight plug, key (G) or keys (A..M), cable collet and nut for fitting a bend relief



Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
MB-TGG	00	6.4	28.5	20	5.5	6.0
MB-TGG	0B	9.5	35.0	25.0	8.0	8.0
MB-TGG	1B	12.0	42.0	31.0	10.0	9.0
MB-TGG	2B	15.0	49.0	37.0	13.0	12.0
MB-TGG	3B	18.0	58.5	43.5	15.0	15.0

MB-TGG

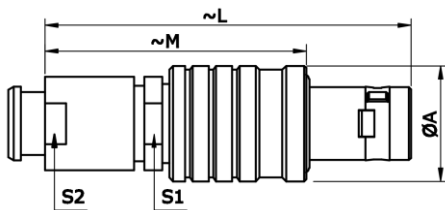
Cable mount straight plug, key (G) or keys (A...M), cable collet



Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
MB-TGG	00	6.4	28.5	20.5	5.5	5.0
MB-TGG	0B	9.5	36.0	26.0	8.0	7.0
MB-TGG	1B	12.0	43.0	32.0	10.0	9.0
MB-TGG	2B	15.0	50.0	38.0	13.0	12.0
MB-TGG	3B	18.0	58.0	43.0	15.0	14.0

MB-TEG

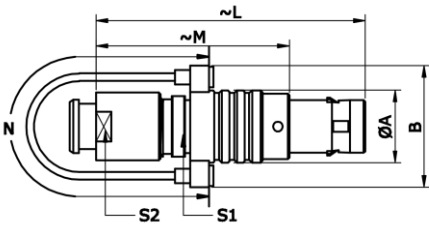
Cable mount straight plug, front sealed, key (G) or keys (A..M), cable collet and nut for fitting a bend relief



Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
MB-TEG	0B	11.0	35.0	20.0	8.0	8.0
MB-TEG	1B	13.5	42.0	33.0	10.0	9.0
MB-TEG	2B	16.5	48.0	36.0	13.0	12.0
MB-TEG	3B	19.0	56.0	41.5	15.0	15.0

MB-TNG

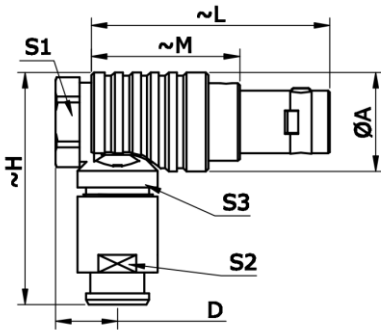
Cable mount straight plug, key (G) or keys (A..M), cable collet and lanyard release



Reference		Dimensions(mm)						
Model	Series	A	B	L	M	N	S1	S2
MB-TNG	0B	9.5	15.95	34.62	24.3	140	8.0	8.0
MB-TNG	1B	12.0	18.0	43.0	32.0	140	10.0	9.0
MB-TNG	2B	15.0	21.0	49.0	37.0	160	13.0	12.0
MB-TNG	3B	18.0	25.0	58.0	43.0	190	15.0	14.0

MB-THG

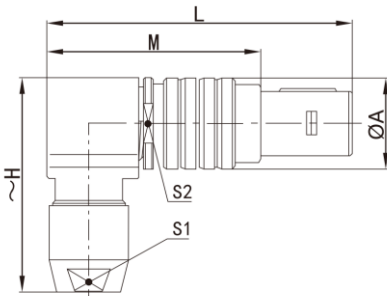
Cable mounted elbow plug, 90°, key (G) or keys (A...M), cable collet



Reference		Dimensions (mm)							
Model	Series	A	D	H	L	M	S1	S2	S3
MB-THG	0B	11.0	6.5	23.5	26.5	16.5	10.0	7.0	8.0
MB-THG	1B	13.5	8.0	30.5	36.0	25.0	1.0	9.0	10.0
MB-THG	2B	16.5	9.0	40.0	37.7	25.6	14.0	12.0	13.0
MB-THG	3B	19.0	10.0	37.0	50.0	35.0	17.0	14.0	14.0

MB-TSG

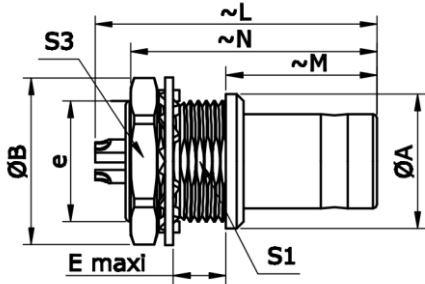
Adjustable right angle Anglissimo plug (8 selective positions) with cable collet, key (G) or keys (A..), standard nut or nut for fitting a bend relief



Reference		Dimensions(mm)					
Model	Series	A	H	L	M	S1	S2
MB-TSG	00B	8.0	18.1	24.8	16.8	5	7
MB-TSG	0B	10.0	22.4	30.3	20.3	7	9
MB-TSG	1B	12.0	26.4	36.5	25.5	9	11
MB-TSG	2B	16.5	34.5	44.0	32.0	12	15

MB-TAG

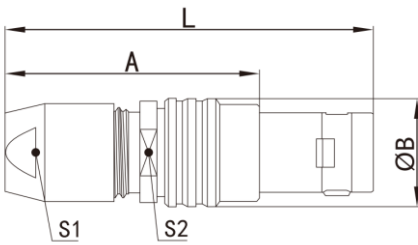
Panel mount fixed plug, non-latching, nut fixing, key (G) or keys (A...M)



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
MB-TAG	0B	10.0	12.4	M9*0.6	4.2	20.8	11.5	18.9	8.2	11.0
MB-TAG	1B	14.0	15.8	M12*1.0	5.4	25.2	12.5	21.6	10.5	14.0
MB-TAG	2B	18.0	19.2	M15*1.0	6.0	28.7	13.8	23.9	13.5	17.0
MB-TAG	3B	22.0	25.0	M18*1.0	5.8	32.1	17.0	30.2	16.5	22.0

MB-DGG

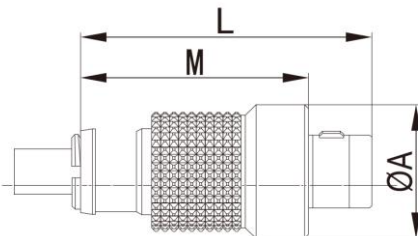
Straight plug short with cable collet, key (G) or keys (A....), standard nut or nut for fitting a bend relief available



Reference		Dimensions (mm)				
Model	Series	L	A	φB	S1	S2
MB-DGG	0B	≈32	≈22	9.5	7	8

MB-TVG

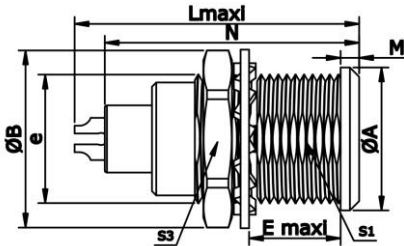
Straight plug, keys(B), short shell for special cable crimping and for fitting a silicone bend relief



Reference		Dimensions (mm)		
Model	Series	L	A	M
MB-TVG	00B	9	20	15.4

MB-ZGG

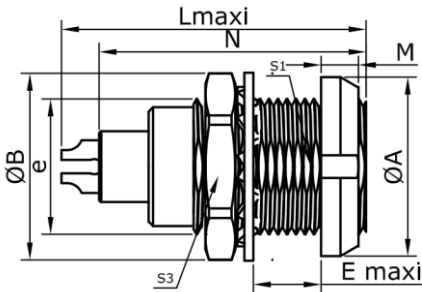
Panel mount fixed receptacle, nut fixing, key (G) or keys (A...M)



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
MB-ZGG	00B	8.0	10.2	M7*0.5	6.0	15.5	1.0	13.7	6.3	9.0
MB-ZGG	0B	10.0	12.4	M9*0.6	7.0	20.7	1.2	19.1	8.2	11.0
MB-ZGG	1B	14.0	15.8	M12*1.0	7.5	23.0	1.5	21.1	10.5	14.0
MB-ZGG	2B	18.0	19.2	M15*1.0	8.5	26.7	1.8	24.6	13.5	17.0
MB-ZGG	3B	21.8	25.0	M18*1.0	11.5	37.1	2.0	24.6	16.5	22.0

MB-ZCG

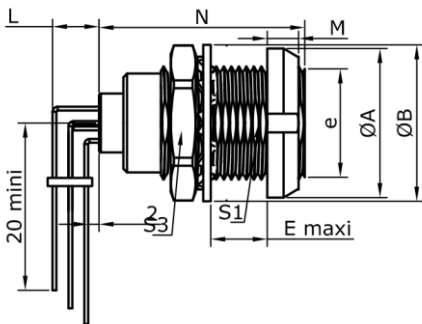
Panel mount receptacle with two screw nuts, key (G) or keys (A...M), back panel mounting



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
MB-ZCG	00B	10.0	10.2	M7*0.5	4.3	13.7	2.5	13.7	6.3	9.0
MB-ZCG	0B	12.0	12.4	M9*0.6	5.5	20.7	2.5	16.4	8.2	11.0
MB-ZCG	1B	16.0	15.8	M12*1.0	6.0	23.0	3.5	19.8	10.5	14.0
MB-ZCG	2B	20.0	19.2	M15*1.0	6.5	26.7	3.5	20.2	13.5	17.0
MB-ZCG	3B	24.0	25.0	M18*1.0	9.0	37.7	4.5	25.8	16.5	22.0

MB-ZCG

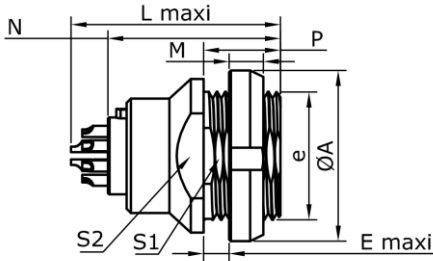
Panel mount fixed receptacle with two screw nuts, key (G) or keys (A...M), elbow 90° contact for printed circuit



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	M	N	S1	S3	
MB-ZCG	0B	12.0	12.4	M9*0.6	5.5	2.5	18.3	8.2	11.0	
MB-ZCG	1B	16.0	15.8	M12*1.0	6.0	3.5	20.3	10.5	14.0	
MB-ZCG	2B	20.0	19.2	M15*1.0	6.5	3.5	22.3	13.5	17.0	
MB-ZCG	3B	24.0	25.0	M18*1.0	9.0	4.5	25.8	16.5	22.0	

MB-ZEG

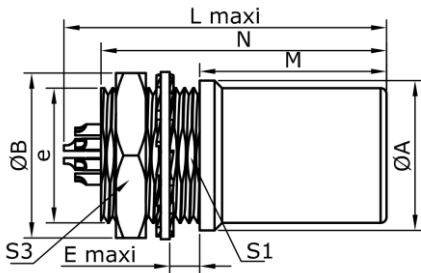
Panel mount fixed receptacle, nut fixing, key (G) or keys (A...M), back panel mounting



Reference		Dimensions(mm)									
Model	Series	A	B	e	E	L	M	N	P	S1	S3
MB-ZEG	00B	10.0	9.5	M7*0.5	2.3	15.5	2.5	13.7	6.0	6.3	7.5
MB-ZEG	0B	12.0	12.5	M9*0.6	2.4	20.7	2.5	19.1	6.3	8.2	9.0
MB-ZEG	1B	16.0	16.0	M12*1.0	6.5	23.0	3.5	21.1	11.0	10.5	13.0
MB-ZEG	2B	20.0	20.0	M15*1.0	3.0	26.7	3.5	24.6	9.0	13.5	15.0

MB-ZHG

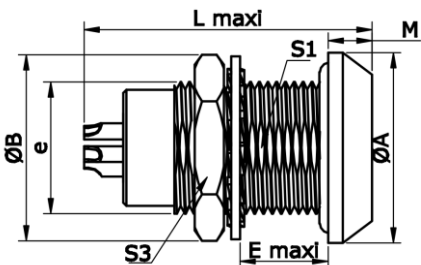
Panel mount fixed receptacle, nut fixing, key (G) or keys (A...M) and protruding shell



Reference		Dimensions(mm)									
Model	Series	A	B	e	E	L	M	N	S1	S3	
MB-ZHG	0B	10.0	12.4	M9*0.6	2.0	19.5	12.5	19.1	8.2	11.0	
MB-ZHG	1B	14.0	15.8	M12*1.0	4.0	21.7	12.0	21.1	10.5	14.0	
MB-ZHG	2B	18.0	19.2	M15*1.0	5.1	22.7	12.5	24.6	13.5	17.0	

MB-MGG

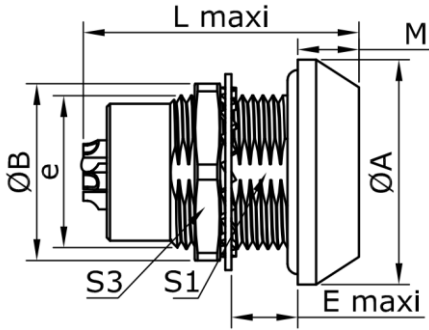
Panel mount sealed fixed receptacle, nut fixing, key (G) or keys (A...M)



Reference		Dimensions(mm)									
Model	Series	A	B	e	E	L	M	S1	S3		
MB-MGG	0B	13.0	12.4	M9*0.6	7.0	21.5	3.0	8.2	11.0		
MB-MGG	1B	18.0	15.8	M12*1.0	7.0	26.6	4.5	10.5	14.0		
MB-MGG	2B	20.0	19.2	M15*1.0	8.0	31.6	4.0	13.5	17.0		

MB-MHG

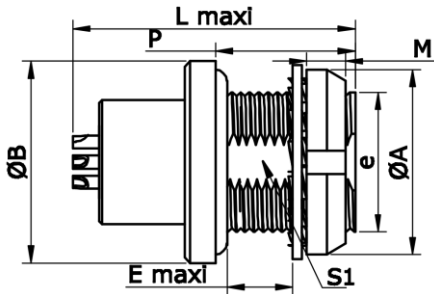
Panel mounted sealed fixed receptacle, nut fixing, key (G) or keys (A...M)



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S3	
MB-MHG	0B	13.0	12.4	M9*0.6	7.0	23.2	4.8	8.2	11.0	
MB-MHG	1B	18.0	15.8	M12*1.0	7.0	30.3	5.2	10.5	14.0	
MB-MHG	2B	20.0	19.2	M15*1.0	8.0	35.6	6.0	13.5	17.0	

MB-MEG

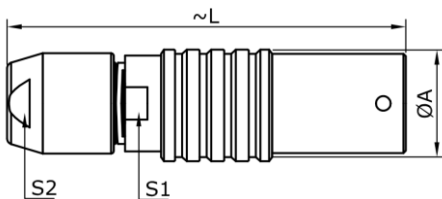
Panel mounted sealed fixed receptacle, nut fixing, key (G) or keys (A...M), back panel mounting



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	P	S1	S3
MB-MEG	0B	12.0	13.0	M9*0.6	2.5	20.2	2.5	9.0	8.2	-
MB-MEG	1B	16.0	18.0	M12*1.0	5.5	26.6	3.5	11.0	10.5	-
MB-MEG	2B	20.0	20.0	M15*1.0	6.5	31.6	3.5	9.6	13.5	15.0

MB-DHG

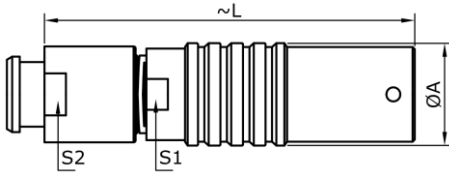
Cable mount receptacle, key (G) or keys (A...M), cable collet



Reference		Dimensions(mm)			
Model	Series	A	L	S1	S1
MB-DHG	00B	7.0	27.5	5.5	5.0
MB-DHG	0B	9.5	35.5	8.0	7.0
MB-DHG	1B	12.5	40.5	10.0	9.0
MB-DHG	2B	16.5	47.0	13.0	12.0
MB-DHG	3B	19.0	56.0	15.0	14.0

MB-DHG

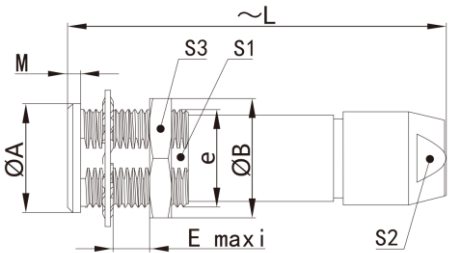
Cable mount receptacle, key (G) or keys (A...M), cable collet and nut for fitting a bend relief



Reference		Dimensions(mm)			
Model	Series	A	L	S1	S2
MB-DHG	00B	7.0	30.0	5.5	5.0
MB-DHG	0B	9.5	35.5	8.0	8.0
MB-DHG	1B	12.5	40.5	10.0	9.0
MB-DHG	2B	16.5	47.0	13.0	12.0
MB-DHG	3B	19.0	56.0	15.0	14.0

MB-RKG

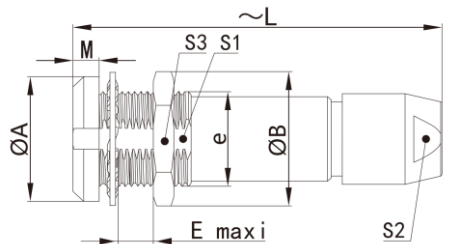
Fixed socket, nut fixing, key (G) or keys (A...), cable collet



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
MB-RKG	00B	8	10.2	M7*0.5	6.5	26.0	1.0	6.3	5	9
MB-RKG	0B	10	12.4	M9*0.6	7.0	35.5	1.2	8.2	7	11
MB-RKG	1B	14	15.8	M12*1.0	7.5	40.5	1.5	10.5	9	14
MB-RKG	2B	18	19.2	M15*1.0	8.5	47.0	1.8	13.5	12	17
MB-RKG	3B	22	25.0	M18*1.0	11.5	56.0	2.0	16.5	14	22

MB-RFG

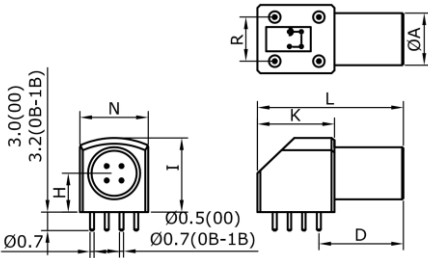
Fixed socket with two nuts, key (G) or keys (A...), cable collet (back panel mounting)



Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
MB-RFG	00B	10	10.0	M7*0.5	5.3	26.0	2.5	6.3	5	9
MB-RFG	0B	12	12.4	M9*0.6	5.0	35.5	2.5	8.2	7	11
MB-RFG	1B	16	15.8	M12*1.0	5.0	40.5	3.5	10.5	9	14
MB-RFG	2B	20	19.2	M15*1.0	6.5	47.0	3.5	13.5	12	17
MB-RFG	3B	24	25.0	M18*1.0	9.0	56.0	4.5	16.5	14	22

MB-ZPG

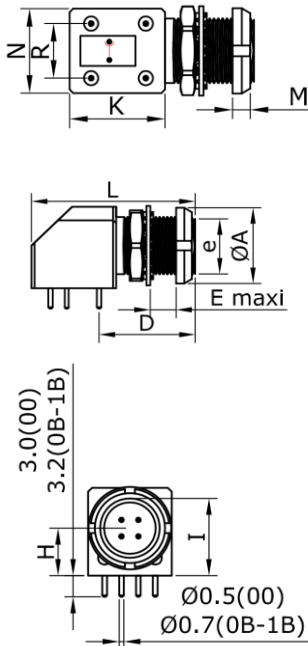
Elbow (90°) receptacle for printed circuit, key (G) or keys (A..F) (solder or screw fixing)



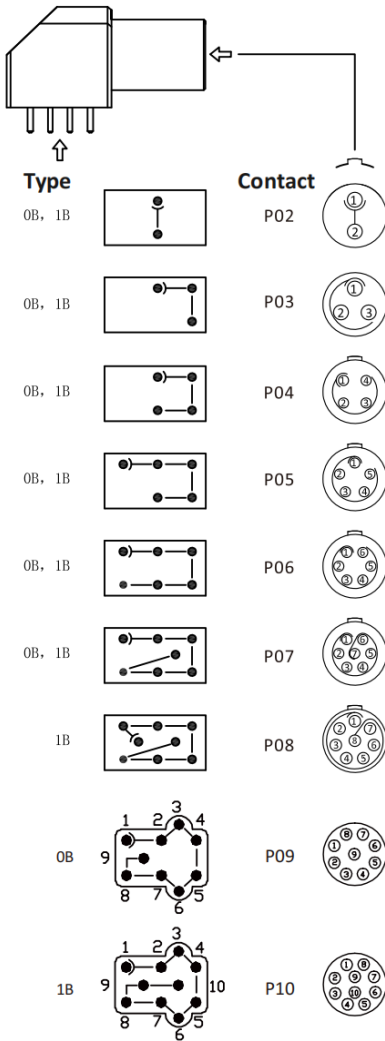
Reference	Dimensions(mm)							
Model	A	D	H	I	K	L	N	R
MB-ZPG.0B.302.HLN	9.0	14.6	6.7	12.6	13.3	25.0	11.7	7.62
MB-ZPG.0B.303.HLN								
MB-ZPG.0B.304.HLN								
MB-ZPG.0B.305.HLN								
MB-ZPG.0B.306.HLN								
MB-ZPG.0B.307.HLN								
MB-ZPG.0B.309.HLN	11.0	16.6	7.5	14.0	13.3	27.0	12.6	7.62
MB-ZPG.1B.302.HLN								
MB-ZPG.1B.303.HLN								
MB-ZPG.1B.304.HLN								
MB-ZPG.1B.305.HLN								
MB-ZPG.1B.306.HLN								
MB-ZPG.1B.307.HLN								
MB-ZPG.1B.308.HLN								
MB-ZPG.1B.309.HLN								
MB-ZPG.1B.310.HLN								

MB-ZXG

Elbow (90°) receptacle for printed circuit, key (G) or keys (A..F) (solder or screw fixing) back panel mounting



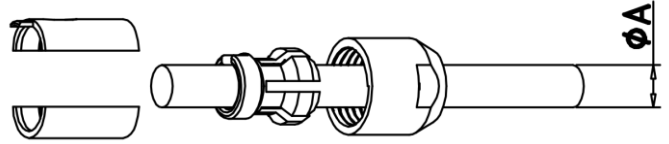
Reference	Dimensions(mm)													
Model	A	B	D	e	E	H	I	K	L	M	N	R	S3	
MB-ZXG.0B.302.HLN	12.0	12.4	14.6	M9*06	6	6.7	12.6	13.3	25	2.5	117	7.62	11	
MB-ZXG.0B.303.HLN														
MB-ZXG.0B.304.HLN														
MB-ZXG.0B.305.HLN														
MB-ZXG.0B.306.HLN														
MB-ZXG.0B.307.HLN														
MB-ZXG.0B.309.HLN	14	15	16.6	M11*0.5	7.5	7.5	14	13.3	27	3.5	12.6	7.62	13	
MB-ZXG.1B.302.HLN														
MB-ZXG.1B.303.HLN														
MB-ZXG.1B.304.HLN														
MB-ZXG.1B.305.HLN														
MB-ZXG.1B.306.HLN														
MB-ZXG.1B.307.HLN														
MB-ZXG.1B.308.HLN														
MB-ZXG.1B.309.HLN														
MB-ZXG.1B.310.HLN														



Electrical

Model	Shell Size	Contact No.	Test voltage (contact-contact) K/V rms	Test voltage (contact-shell) K/V rms	Rated Current (A)
MB-ZPG-ZXG	OB	302	1.45	1.20	4.5
MB-ZPG-ZXG	OB	303	1.70	1.60	4.5
MB-ZPG-ZXG	OB	304	1.30	1.10	4.5
MB-ZPG-ZXG	OB	305	1.25	1.20	4.5
MB-ZPG-ZXG	OB	306	1.25	1.20	2.5
MB-ZPG-ZXG	OB	307	1.00	1.20	2.0
MB-ZPG-ZXG	OB	309	0.60	0.50	1.5
MB-ZPG-ZXG	1B	302	1.70	1.45	4.5
MB-ZPG-ZXG	1B	303	1.60	1.85	4.5
MB-ZPG-ZXG	1B	304	1.70	1.80	4.5
MB-ZPG-ZXG	1B	305	1.30	1.55	4.5
MB-ZPG-ZXG	1B	306	1.35	1.45	4.5
MB-ZPG-ZXG	1B	307	1.45	1.45	2.0
MB-ZPG-ZXG	1B	308	1.30	1.30	2.0
MB-ZPG-ZXG	1B	310	1.00	1.00	1.50

8. Cable Collect Size



Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
00B-022	22	2.2	2.2	>1.4
00B-027	27	2.7	2.7	>2.2
00B-030	30	3.0	3.0	>2.5

Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
0B-022	22	2.2	2.2	>1.4
0B-032	32	3.2	3.2	>2.2
0B-042	42	4.2	4.2	>3.2
0B-052	52	5.2	5.2	>4.2
0B-056	56	5.6	5.6	>4.6

Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
1B-042	42	4.2	4.2	>3.2
1B-052	52	5.2	5.2	>4.2
1B-062	62	6.2	6.2	>5.2
1B-072	72	7.2	7.2	>6.2
1B-080	80	8.0	8.0	>7.0

Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
2B-042	42	4.2	4.2	>3.2
2B-052	52	5.2	5.2	>4.2
2B-062	62	6.2	6.2	>5.2
2B-072	72	7.2	7.2	>6.2
2B-082	82	8.2	8.2	>7.2
2B-092	92	9.2	9.2	>8.2
2B-100	10	10.0	10.0	>9.0

Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
3B-062	62	6.2	6.2	>4.9
3B-072	72	7.2	7.2	>6.2
3B-082	82	8.2	8.2	>7.1
3B-092	92	9.2	9.2	>7.7
3B-100	10	10.2	10.2	>9.2
3B-110	11	11.2	11.0	>10.2
3B-120	12	12.0	12	>11.1

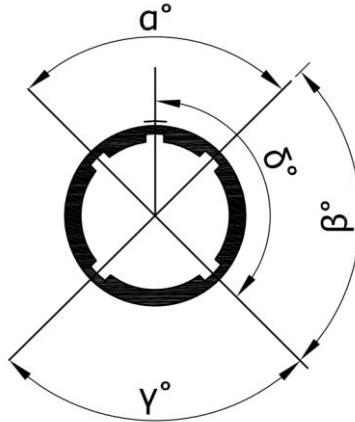
Cable Clamp Set		Cable Collet (mm)	Cable dia Range	
Type	Code	ϕA	Max	Min
4B-100	10	10	10.5	>9.0
4B-120	12	12	12.0	>10.5
4B-130	13	13	13.0	>12.0
4B-150	15	15	15.0	>13.5
4B-160	16	16	16.0	>15.0

9. Alignment Key and Polarized Key

MB-B series connector model types are composed of six letters.

The last letter indicated the key position and contact type (male or female).

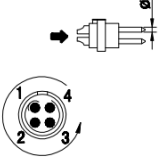
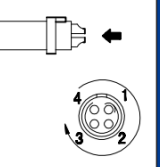






























Front View of Receptacle:



Code	Keys No.	Angles	Series			Code	Keys No.	Angles	Series		Contact Type		
			00	0B	1B				2B	3B	Plug	Receptacle	
G	1		0°	0°	0°	G	1		0°	0°	Male	Female	
A	2	α	30°	30°	30°	A	2	α	30°	30°	Male	Female	
B	2		60°	60°	60°	B	2		45°	45°	Male	Female	
C	2		-	90°	90°	C	2		60°	60°	Male	Female	
D	2	β	-	135°	135°	D	2	γ	95°	95°	Male	Female	
E	2		-	145°	145°	E	2		β	120°	120°	Male	Female
F	2		-	155°	155°	F	2			145°	145°	Male	Female
J	2	γ	45°	45°	45°	J	2	α	37.5°	37.5°	Female	Male	
K	2		-	70°	70°	K	2		52.5°	52.5°	Female	Male	
L	2		-	80°	80°	L	2	γ	70°	70°	Female	Male	
M	2	δ	-	110°	-	M	2	δ	-	-	Female	Male	

10. MB-B and MB-K Series Multipole Layout




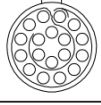

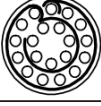

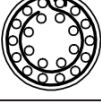



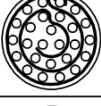
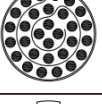
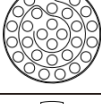

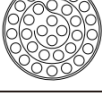
See page 17-21.

	Male Contact 	Female Contact 	Insulator	Contact No.	øA(MM)	Contact type			Test voltage (contact - contact) K/V rms	Test voltage (contact - shell) K/V rms	Rated current (A)
						Solder contact	PCB straight contact	PCB elbow contact			
00			302	2	0.5	●	●	●	1.00	0.95	5.0
			303	3	0.5	●	●	●	0.80	0.95	3.0
			304	4	0.5	●	●	●	0.80	0.65	2.0
			305	5	0.35	●	●	●	0.70	1.0	1.70
0B 0K			302	2	0.9	●	●	●	1.30	1.05	10.0
			303	3	0.9	●	●	●	1.20	0.90	8.0
			304	4	0.7	●	●	●	0.85	0.70	7.0
			305	5	0.35	●	●	●	0.7	1.0	1.7
			306	6	0.5	●	●	●	0.85	0.65	2.5
			307	7	0.5	●	●	●	0.80	0.70	2.5
			309	9	0.5	●	●	○	0.60	0.50	2.0
1B 1K			302	2	1.3	●	●	●	1.50	1.35	15.0
			303	3	1.3	●	●	●	1.30	1.55	12.0
			304	4	0.9	●	●	●	1.35	1.45	10.0
			305	5	0.9	●	●	●	1.25	1.15	9.0

	Male contact 	Female contact 	Insulator	Contact No.	ØA(MM)	Contact type			Test voltage (contact - contact) K/V rms	Test voltage (contact - shell) K/V rms	Rated current (A)
						Solder contact	PCB straight contact	PCB elbow contact			
1B 1K			306	6	0.7	●	●	●	1.05	1.20	7.0
			307	7	0.7	●	●	●	0.95	1.05	7.0
			308	8	0.7	●	●	●	0.95	1.15	5.0
			310	10	0.5	●	●	●	0.90	1.50	2.5
			314	14	0.5	●	●	●	0.80	1.20	2.0
			316	16	0.5	●	●	○	0.80	1.25	1.5
2B 2K			302	2	2.0	●	●	●	2.10	1.75	25.0
			303	3	1.6	●	●	●	2.40	1.85	17.0
			304	4	1.3	●	●	●	1.85	1.85	15.0
			305	5	1.3	●	●	●	1.75	1.60	14.0
			306	6	1.3	●	●	●	1.35	1.45	12.0
			307	7	1.3	●	●	●	1.75	1.60	11.0

	Male contact	Female contact	Insulator	Contact No.	ØA(MM)	Contact type			Test voltage (contact - contact) K/V rms	Test voltage (contact - shell) K/V rms	Rated current (A)
						Solder contact	PCB straight contact	PCB elbow contact			
2B 2K			308	8	0.9	●	●	●	1.50	1.25	10.0
			310	10	0.9	●	●	●	1.45	1.30	8.0
			312	12	0.7	●	●	●	1.25	1.35	7.0
			314	14	0.7	●	●	●	1.15	1.35	6.5
			316	16	0.7	●	●	●	0.95	1.25	6.0
			318	18	0.9	●	●	●	1.2	1.05	7.0
			319	19	0.7	●	●	●	0.95	1.25	5.0
			326	26	0.5	●	●	○	0.95	1.30	2.0
			332	32	0.5	●	●	○	0.80	1.20	1.5
3B 3K			302	2	3.0	●	○	-	2.10	1.55	35.0
			303	3	2.0	●	●	○	1.90	1.50	25.0

	Male contact 	Female contact 	Insulator	Contact No.	øA(MM)	Contact type			Test voltage (contact - contact) K/V rms	Test voltage (contact - shell) K/V rms	Rated current (A)
						Solder contact	PCB straight contact	PCB elbow contact			
3B 3K			304	4	2.0	●	●	●	1.45	1.25	19.0
			305	5	1.6	●	●	○	1.90	1.25	19.0
			306	6	1.6	●	●	○	1.60	1.15	17.0
			307	7	1.6	●	●	○	1.70	1.25	15.0
			308	8	1.3	●	●	●	1.65	1.15	13.0
			309	8 1	1.3 2.0	●	●	-	1.35 1.35	1.05 1.05	6.0 15.0
			310	10	1.3	●	●	○	1.25	0.90	12.0
			312	12	0.9	●	●	●	1.45	1.00	9.0
			314	14	0.9	●	●	●	1.20	1.20	9.0

		316	16	0.9	●	●	●	1.20	0.85	8.0
		318	18	0.9	●	●	●	1.20	1.05	7.0
		320	20	0.7	●	●	●	1.0	0.9	6.0
		322	22	0.7	●	●	●	1.0	0.9	5.5
		324	24	0.7	●	●	●	1.2	1.45	7.0
		326	26	0.7	●	●	●	0.95	0.7	4.0
		330	30	0.7	●	●	●	0.8	0.7	3.5
		332	32	0.7	●	●	●	0.75	0.7	3.0

- First choice alternative
- Special order alternative