

## M623 Signal Straight Mating Male Metal Assembled Plug (Crimp)



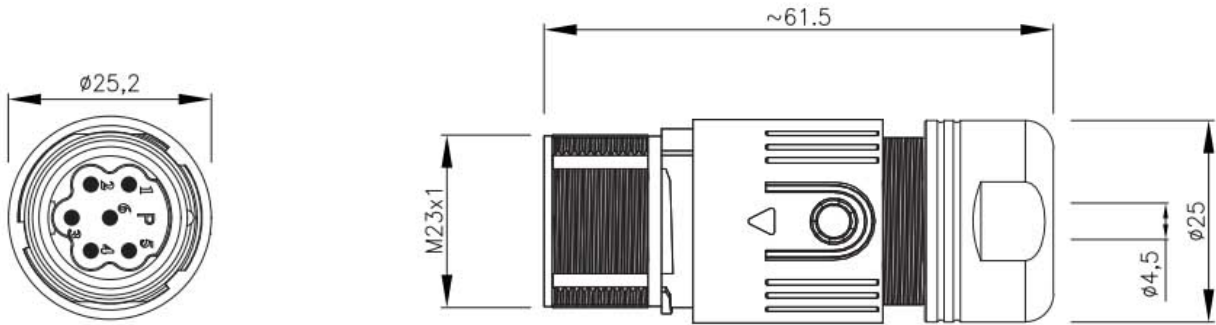
- European standard connector M23 series, Signal type
- Structure type: Assembled Straight Mating Metal Plug
- Pin type: Male
- Contacts number: 6, 7, 9, 12, 17 pins
- Connection method: Crimp
- Shield: Yes
- Certification: CE,RoHS,UL ,

### MECHANICAL PARAMETERS

Shell material :	Brass nickel-plated
Insulator material :	PBT/PA66
Sealing material :	Epoxy resin/Rubber
Contact material :	Brass/Phosphorus copper gold-plated
Molding material :	TPU/PVC
Wiring range :	6~10mm
Contact impedance :	≤5 mΩ
Durability :	≥500 Cycles
Applicable temperature :	-40°C ~ +125°C
Waterproof grade :	IP67

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## DATASHEET



## M623 WIRE DEFINITION

芯位 Pins	线芯颜色 Wire core color	导体规格 Conductor size
6芯(Pins)		
1	BK U	1.5mm <sup>2</sup>
2	BN V	1.5mm <sup>2</sup>
3	GN YE	1.5mm <sup>2</sup>
4	BK	1.5mm <sup>2</sup>
5	WH	1.5mm <sup>2</sup>
6	BN K	1.5mm <sup>2</sup>

芯位 Pins	线芯颜色 Wire core color	导体规格 Conductor size
8芯(Pins)		
1	BK 1	1.5mm <sup>2</sup>
PE	GN YE	1.5mm <sup>2</sup>
3	BK 2	1.5mm <sup>2</sup>
4	BK 3	1.5mm <sup>2</sup>
A	BK 5	0.75mm <sup>2</sup>
B	BK 6	0.75mm <sup>2</sup>
C	BK 7	0.75mm <sup>2</sup>
D	BK 8	0.75mm <sup>2</sup>

芯位 Pins	线芯颜色 Wire core color	导体规格 Conductor size
12芯(Pins)		
1	PK	0.25mm <sup>2</sup>
2	RD	0.25mm <sup>2</sup>
3	BK	0.25mm <sup>2</sup>
4	BU	0.25mm <sup>2</sup>
5	BN	0.25mm <sup>2</sup>
6	GN	0.25mm <sup>2</sup>
7	VT	0.25mm <sup>2</sup>
8	GY	0.25mm <sup>2</sup>
9	外部护套	(Outer sheath)
10	WH	0.5mm <sup>2</sup>
11	NC	
12	BN	0.5mm <sup>2</sup>

芯位 Pins	线芯颜色 Wire core color	导体规格 Conductor size
17芯(Pins)		
1	YE	0.14mm <sup>2</sup>
2	GN	0.14mm <sup>2</sup>
3	RD	0.14mm <sup>2</sup>
4	NC	
5	BU	0.14mm <sup>2</sup>
6	NC	
7	BNBU	0.5mm <sup>2</sup>
8	GNBK	0.22mm <sup>2</sup>
9	GNRD	0.22mm <sup>2</sup>
10	BNRD	0.5mm <sup>2</sup>
11	BK	0.14mm <sup>2</sup>
12	BN	0.14mm <sup>2</sup>
13	OG	0.14mm <sup>2</sup>
14	WHBK	0.14mm <sup>2</sup>
15	BNGY	0.22mm <sup>2</sup>
16	BN YE	0.22mm <sup>2</sup>
17	内部护套	(Inner sheath)

\*接线定义按常规标准，如按协议或者其他请联系我司业务。

Wiring definition according to conventional standards, if according to the agreement or other please contact our sales.

## M623 SIGNAL TYPE ELECTRICAL PARAMETERS

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芯数 Pins	P型 P-code	额定电流 Rated current	额定电压 Rated voltage		导体规格 Conductor size		E型 E-code
			A/C	D/C	AWG	mm <sup>2</sup>	
6		20A	300V	300V	14	2.5	
7		20A	300V	300V	14	2.5	
9		8A	150V	150V	16	1.5	
9P(8+1)		8A/20A	300V	150V	16/14	1.5/2.5	
12		8A	150V	150V	18	1	
17		8A	150V	150V	18	1	

## Ordering products

Product Name	Part No.-(P Code)	Part No.-(E Code)	Pins	3D Download	2D Download
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-6Pin	M623-P6P-GCK 14.5	M623-P6E-GCK 14.5	6		
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-7Pin	M623-P7P-GCK 14.5	M623-P7E-GCK 14.5	7		
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-9Pin	M623-P9P-GCK 14.5	M623-P9E-GCK 14.5	9		
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-8+1Pin	M623-P9PP-GCK 14.5	M623-P9PE-GCK 14.5	8+1		
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-12Pin	M623-P12P-GCK 14.5	M623-P12E-GCK 14.5	12		
M623 Signal Straight Mating Male Metal Assembled Plug-Crimp-17Pin	M623-P17P-GCK 14.5	M623-P17E-GCK 14.5	17		

## Data Download

## [M623 Signal Straight Mating Male Metal Assembled Plug \(Crimp\)](#)



Product catalog	CAZN-M Series products brochure
Certification/Report	<a href="#">EMC</a> Certificate
RoHS Report	<a href="#">查看</a> View
Waterproof test report	<a href="#">查看</a> View