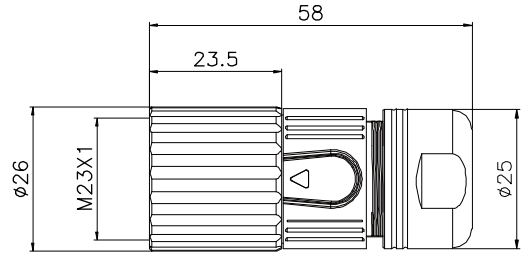


# 623 signal male straight metal plug connector



## Technical parameters

Shell material	Copper/Zinc
Core material	PBT/PA66
Overmold material	PVC/TPU <sup>®</sup>
Terminal material	Phosphor copper
Temperature	-40°C~+125°C

Insulation resistance	≥100mΩ
Contact resistance	≤5mΩ
Degree of protection	IP67
Mating cycle	≥500次
Cable diameter	Ø6mm~Ø10mm

## M 23 Electric parameter

pin number	code type A	rated current	rated voltage		cable size		cable material	dealing at the end cable
			A/C	D/C	AWG	mm <sup>2</sup>		
6		20A	300V	300V	14	2.5	PVC/PUR	- no dealing - customized - strip and tinn - to other connector
7		20A	300V	300V	14	2.5	PVC/PUR	
9		8A	150V	150V	18	1	PVC/PUR	
9P(8+1)		8A/20A	300V	150V	18/14	1/2.5	PVC/PUR	
12		8A	150V	150V	18	1	PVC/PUR	
17		8A	150V	150V	18	1	PVC/PUR	
19P(16+3)		8A/10A	150V	150V	18/16	1/1.5	PVC/PUR	

## Order method

### (A) Regular type

623G--A--P----

pin number      code type (except A type)      overmold material      cable material      cable length      others

### (B) Customized

623G--A--P--

pin number      code type (except A type)      customized item number      others