



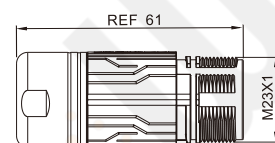
● M23X for signal

Material and spec

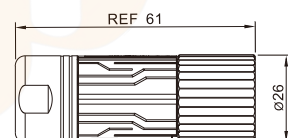
Shell material	Zinc alloy with nickel plating	
Contact material	Brass with gold plating	
Insert material	PBT	
Insulation resistance	9、12 pins: $>10^{10}\Omega$	17、19 pins: $>10^6\Omega$
Termination	Crimp	
Temperature range	$-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$	
Mating cycle	1000	
Cable outer diameter range	I: 4.5-8mm II: 8-13mm III: 12-15mm	
IP rating	IP67 (mated)	
Coupling	Threaded coupling	



Male contact
cable connector
M23XSJ_TK
Number of contact
Cable outer diameter range
I: 4.5-8mm
II: 8-13mm
III: 12-15mm

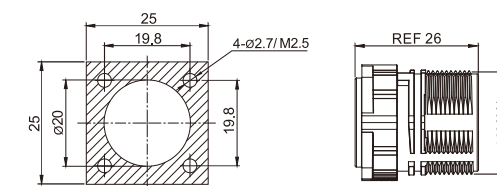


Female contact
cable connector
M23XSK_TK_



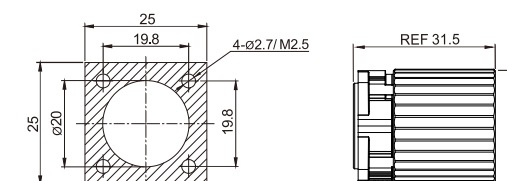
Male contact
square flange receptacle

M23XSJ_Z
Number of contact



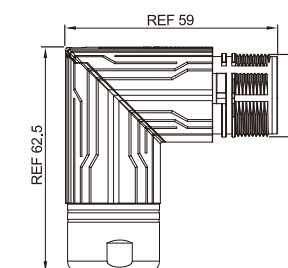
Female contact
square flange receptacle

M23XSK_Z



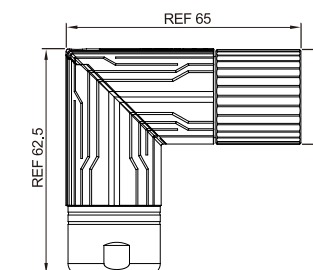
Male contact
angled cable connector

M23XSJ_TL_



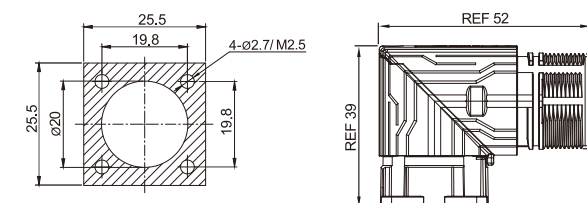
Female contact
angled cable connector

M23XSK_TL_



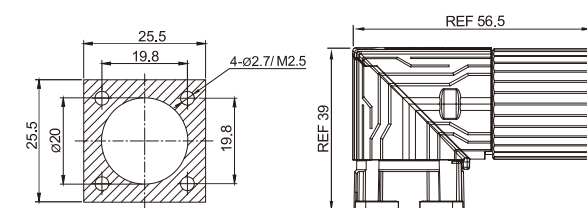
Male contact angled
square flange receptacle

M23XSJ_ZL



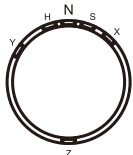
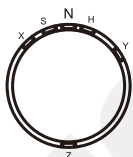
Female contact angled
square flange receptacle

M23XSK_ZL



M23X for signal contact arrangement and spec

Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V)1min
	9(8+1)	ø1×8 ø2×1	300	8 20	2500
	12	ø1×12	300	8	2500
	17	ø1×17	150	8	1500
	19(16+3)	ø1×16 ø1.5×3	150	8 10	1500

Number of Contact	Optional Angle	Coded Chuck
9	N, S, H, X, Y	 Male contact face view
12	N, S, H, X, Y, Z	
17	N, S, H, X, Y, Z	 Female contact face view
19	N, S, H, X, Y	
Code N is open in original state, if you need to use another, please open the coded chuck head.		

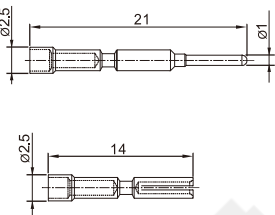
M23X for signal contact spec

8A Crimp contact

※ Contact resistance: 5mΩ

※ Contact diameter: ø1

※ Material: Brass with gold plating



8A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.37-0.5mm ² AWG 26-22	4.5mm	YJ1-21-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YJ1-21-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YJ1-21-1.5AU	CT-0.031/0.52

8A Female crimp contact

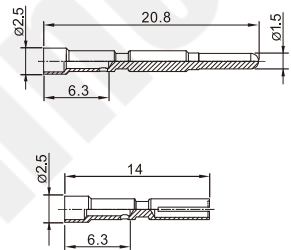
Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.37-0.5mm ² AWG 26-22	4.5mm	YK1-14-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YK1-14-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YK1-14-1.5AU	CT-0.031/0.52

10A contact Crimp

※ Contact resistance: 2.5mΩ

※ Contact diameter: ø1.5

※ Material: Brass with gold plating



10A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4.5mm	YJ1.5-20.8-0.5AU	CT-0.031/0.52
0.5-1mm ² AWG 20-17	4.5mm	YJ1.5-20.8-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YJ1.5-20.8-1.5AU	CT-0.031/0.52

10A Female crimp contact

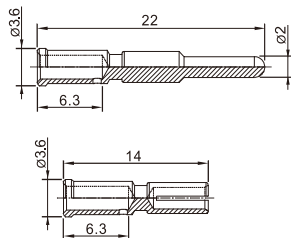
Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4.5mm	YK1.5-14-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YK1.5-14-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YK1.5-14-1.5AU	CT-0.031/0.52

20A Crimp contact

※ Contact resistance: 2.5mΩ

※ Contact diameter: ø2

※ Material: Brass with gold plating



20A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	6.5mm	YJ2-22-2.5AU	CTW-0.14/4

20A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	6.5mm	YK2-14-2.5AU	CTW-0.14/4

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CTW-0.14/4	0.14-4mm ² AWG 25-11
CT-0.031/0.52	0.03-0.5mm ² AWG20-32