



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Device connector, front mounting - RF-06M1N12WA00 - 1617486

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Device connector, front mounting, straight, Screw locking, M23, Number of positions: 6, Type of contact: Pin, Solder connection, Axial O-ring, 4x Ø 3.2, shielded: yes

The figure shows the 12-pos. product version with standard contact chamber numbering

RoHS

Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 603324
GTIN	4046356603324

Technical data

General

Type of locking	Screw locking
Insertion/withdrawal cycles mechanical	50
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Pin
Number of positions	6
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	2.5 mm ²
Nominal current per power contact at 25°C	20 A
Pg housing screw connection	none
Mounting type	4x Ø 3.2

Ambient conditions

Ambient temperature	-40 °C ... 125 °C
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Technical data

Ambient conditions

Degree of protection	IP67
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Specifications according to DIN EN 61984:2001

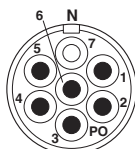
Installation height max.	2000 m
Nominal / operating voltage of power contacts	50 V
Rated surge voltage of power contacts	2.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

Environmental Product Compliance

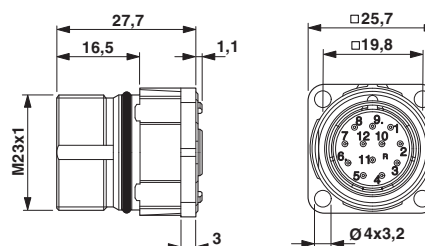
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

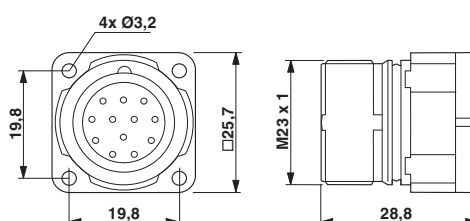
Schematic diagram



Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

Device connector, front mounting - RF-06M1N12WA00 - 1617486

Approvals

Approval details

EAC		B.01742
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