



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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Cable connector - RF-12S2N8A80DU - 1607297

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Cable connector, straight, Screw locking, M23, number of positions: 12, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm

The figure shows the product version with standard contact chamber numbering



Key Commercial Data

Packing unit	20 STK
Minimum order quantity	20 STK
GTIN	
GTIN	4046356174367

Technical data

General

Note	Order information: Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Counter direction
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	12
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Conductor entry	5 mm ... 13.2 mm
Pg housing screw connection	none

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

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Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

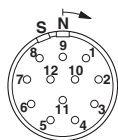
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

Environmental Product Compliance

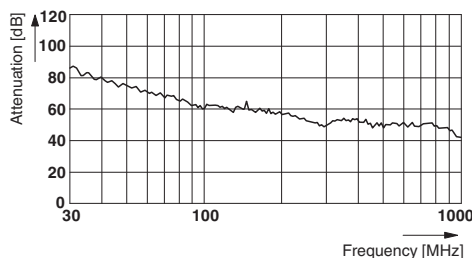
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

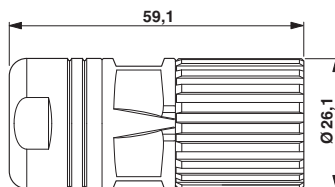
Schematic diagram



Diagram



Dimensional drawing



RF-12(17)...N8A80DU

Approvals

Approvals

Cable connector - RF-12S2N8A80DU - 1607297

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN		125 V	
Nominal current IN		5 A	
mm ² /AWG/kcmil		20	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN		125 V	
Nominal current IN		5 A	
mm ² /AWG/kcmil		20	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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