



Highlights

2 to n poles

1 pole module

Spacing 2.5 mm

Wire entry 45° to PCB

With lever

With alternating pins

Alternating pinning starts with the back right pole

Wire Sizes

Solid min	0.14 mm ²
-----------	----------------------

Solid max	0.75 mm ²
-----------	----------------------

Stranded (flexible) min	0.14 mm ²
-------------------------	----------------------

Stranded (flexible) max	0.75 mm ²
-------------------------	----------------------

Stranded with ferrule min	0.14 mm ²
---------------------------	----------------------

Stranded with ferrule max	0.34 mm ²
---------------------------	----------------------

Dimensions

Stripped length	9.0 mm
-----------------	--------

PCB hole diameter	1.2 mm
-------------------	--------

Materials

Contact pin	Bronze
-------------	--------

Insulating Material

Material	PA 6.6
----------	--------

Flammability class	UL 94 V-0
--------------------	-----------

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
--	-----------------

Store temperature	-40 °C - 105 °C
-------------------	-----------------

Wave Soldering Process

Soldering temperature, recommended	260 °C
------------------------------------	--------

Peak soldering time, recommended	3-4 s
----------------------------------	-------

Spacing 2.5 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

PEBBLE GREY, RAL 7032

ORANGE, RAL 2011

BLUE, RAL 5015

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

					
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	250 V	
Rated current	2 A	-	2 A	2 A	
Rated wire size					
				min	max
- solid	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
- stranded	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
Test voltage	1.60 kV	-	1.60 kV	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4191-PEBBLE GREY	Order Data: 54191000000

Order Data (Spacing 2.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	6.50	AK4191/2KDVP/1-2.5-PEBBLE GREY	54191020061 F	200
3	9.00	AK4191/3KDVP/1-2.5-PEBBLE GREY	54191030061 F	200
4	11.50	AK4191/4KDVP/1-2.5-PEBBLE GREY	54191040061 F	200
5	14.00	AK4191/5KDVP/1-2.5-PEBBLE GREY	54191050061 E	100
6	16.50	AK4191/6KDVP/1-2.5-PEBBLE GREY	54191060061 E	100
7	19.00	AK4191/7KDVP/1-2.5-PEBBLE GREY	54191070061 E	100
8	21.50	AK4191/8KDVP/1-2.5-PEBBLE GREY	54191080061 D	50
9	24.00	AK4191/9KDVP/1-2.5-PEBBLE GREY	54191090061 D	50
10	26.50	AK4191/10KDVP/1-2.5-PEBBLE GREY	54191100061 D	50
11	29.00	AK4191/11KDVP/1-2.5-PEBBLE GREY	54191110061 D	50
12	31.50	AK4191/12KDVP/1-2.5-PEBBLE GREY	54191120061 D	50

Spacing 2.5 mm

Technical drawing

