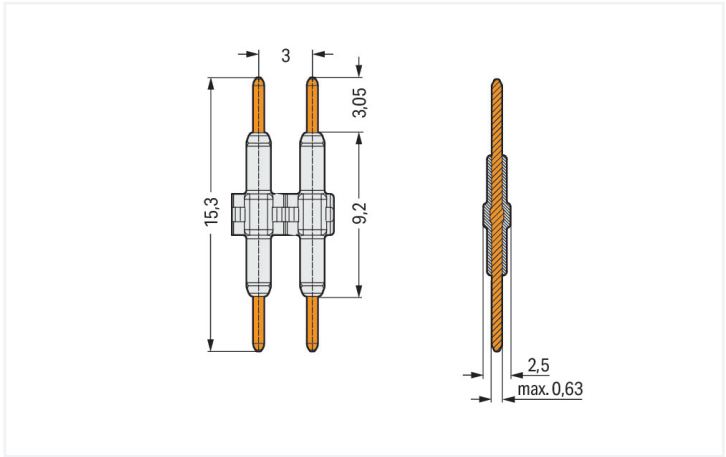




Color: white



Dimensions in mm

- Board-to-board links simplify LED module assembly
- Easy push-in connection and disconnection

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	63 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	3 A	3 A	3 A

Connection data

Total number of potentials	1	Connection 1	
		Pole number	1

Physical data

Pin spacing	3 mm / 0.118 inches
Width	2.7 mm / 0.106 inches
Height	2.5 mm / 0.098 inches
Depth	15.3 mm / 0.602 inches

Mechanical data

Mating cycles (max.)	10
Number of mating cycles	10 connections/disconnections (max.)
Suitable	for SMD PCB terminal blocks (2059 Series)



Material data		
Note (material data)		Information on material specifications can be found here
Color		white
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Contact material		Copper alloy
Contact Plating		Silver
Fire load		0.001 MJ
Weight		0.1 g

Environmental requirements		
Limit temperature range	-60 ... +105 °C	
Environmental Testing (Environmental Conditions)		
Test specification		DIN EN 50155 (VDE 0115-200):2022-06
Railway applications – Rolling stock – Electronic equipment		
Test procedure		DIN EN 61373 (VDE 0115-0106):2011-04
Railway applications – Rolling stock equipment – Shock and vibration tests		
Spectrum/Installation location		Service life test, Category 1, Class A/B
Function test with noise-like vibration		Test passed according to Section 8 of the standard
Frequency		f ₁ = 5 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 Hz
Acceleration		0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
Test duration per axis		10 min. 5 h
Test directions		X, Y and Z axes X, Y and Z axes X, Y and Z axes
Monitoring for contact faults/interruptions		Passed
Voltage drop measurement before and after each axis		Passed
Simulated service life test through increased levels of noise-like vibration		Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions		Passed Passed
Extended test scope: Voltage drop measurement before and after each axis		Passed Passed
Shock test		Test passed according to Section 10 of the standard
Shock form		Half sine
Shock duration		30 ms
Number of shocks per axis		3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment		Passed



Commercial data	
PU (SPU)	1500 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143610100
Customs tariff number	85369010000

Product classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 8.0	EC002848
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7819	Railway WAGO GmbH & Co. KG	-	Z00004395.000
CCA DEKRA Certification B.V.	EN 60947-7-4	71-111131			
CCA DEKRA Certification B.V.	EN 60838	NTR NL-7720			
cURus Underwriters Laboratories Inc.	UL 1059	E45172			
KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106226			
UL Underwriters Laboratories Inc.	UL 1977	E45171			

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2059-901	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

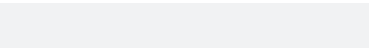
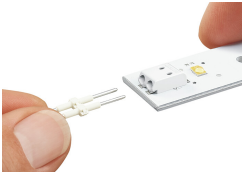
CAD/CAE-Data

CAD data	
2D/3D Models 2059-901	

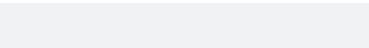
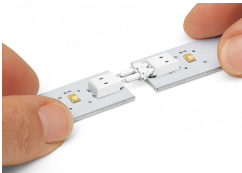
CAE data	
ZUKEN Portal 2059-901	

Installation Notes

Installation



Installation



Installation

