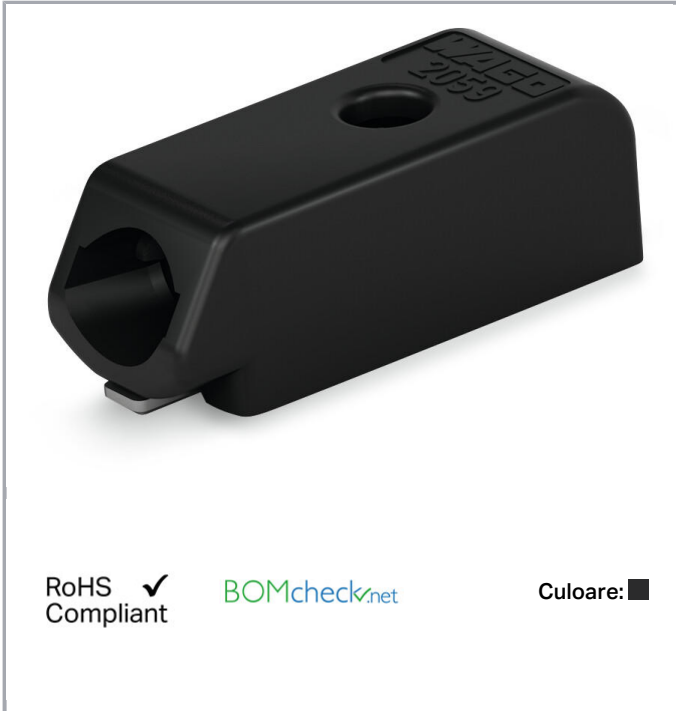


Fișă tehnică | Număr articol: 2059-321/998-403

SMD PCB terminal block; 0.5 mm²; Pin spacing 3 mm; 1-pole; PUSH WIRE®; in tape-and-reel packaging; 0,50 mm²; black



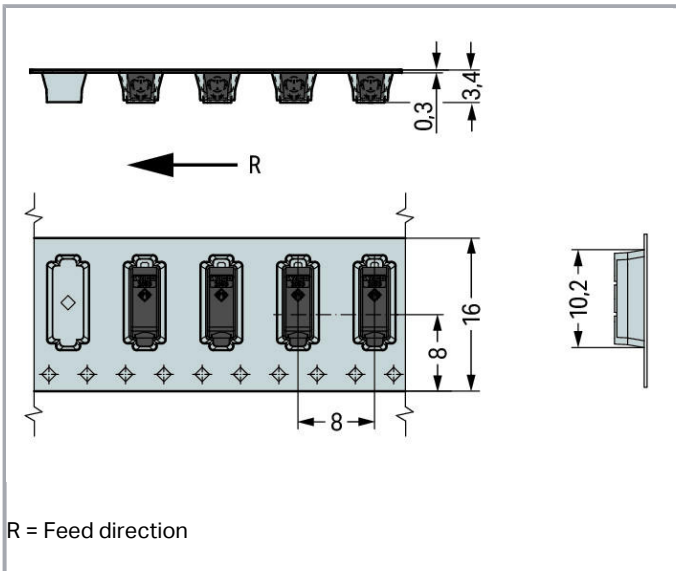
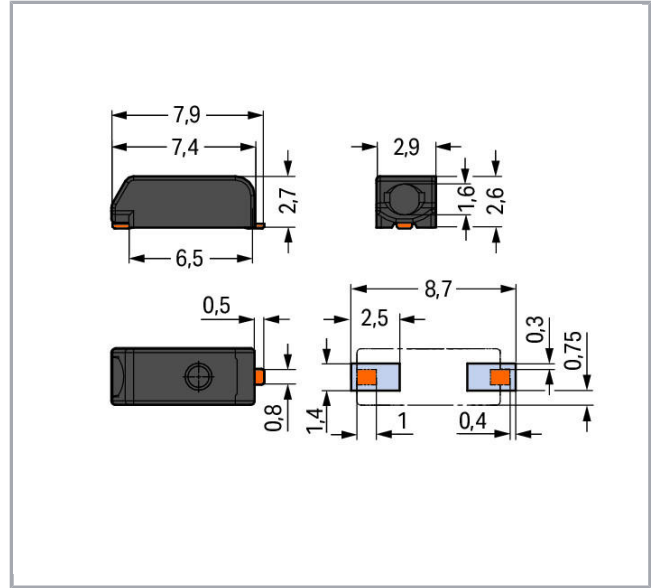
www.wago.com/2059-321/998-403



RoHS Compliant

BOMcheck.net

Culoare: ■



R = Feed direction



Descriere articol

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



- SMD PCB terminal blocks with PUSH WIRE® connection technology
- Push-in termination of solid conductors
- Easy conductor removal via operating tool
- Height of just 2.7 mm
- Assemble terminal blocks without pole loss
- Available in tape-and-reel packaging for automated assembly

Note:

Application notes:

Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to application-specific variables (component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.

Note:

Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.

Recommendation:

Recommendation for stencil:

Material thickness: 150 µm; Pattern layout identical to solder pad layout

Date

Electrical data

Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|---|
| Nominal voltage (III/3) | 63 V |
| Rated surge voltage (III/3) | 2,5 kV |
| Rated voltage (III/2) | 160 V |
| Rated surge voltage (III/2) | 2,5 kV |
| Nominal voltage (II/2) | 320 V |
| Rated surge voltage (II/2) | 2,5 kV |
| Rated current | 3 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

Supus modificărilor.

Approvals per UL 1059

| | |
|---------------|---------|
| Approvals per | UL 1059 |
|---------------|---------|

Approvals per UL 1977

| | |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 3 A |

Connection data

| | |
|---------------------------------------|--|
| Connection technology | PUSH WIRE® |
| Actuation type | Operating tool |
| Solid conductor | 0,14 ... 0,34 mm ² / 26 ... 22 AWG |
| Strip length | 4 ... 5,5 mm / 0.16 ... 0.22 inch |
| Conductor connection direction to PCB | 0° |
| Pole No. | 1 |
| Solid conductor 2 | 0,5 mm ² / 20 AWG |
| Note (conductor cross-section) 2 | No reconnection of smaller conductor cross-sections (0.5 mm ² /20 AWG) |
| Strip length 2 | 6 ... 7,5 mm / 0.24 ... 0.3 inch |
| Total number of connection points | 1 |
| Total number of potentials | 1 |
| Number of connection types | 1 |
| Number of levels | 1 |
| Note (conductor cross-section) | For conductors (26 AWG) that are not rigid enough, the clamping unit must be opened using an operating tool. |

Geometrical Data

| | |
|--|---------------------|
| Pin spacing | 3 mm / 0.118 inch |
| Width | 2,9 mm / 0.114 inch |
| Height | 2,7 mm / 0.106 inch |
| Depth | 7,9 mm / 0.311 inch |
| Reel diameter of tape-and-reel packaging | 330 mm |
| Tape width | 16 mm |

PCB contact

| | |
|-------------|-----|
| PCB contact | SMD |
|-------------|-----|

Supus modificărilor.

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | black |
| Material group | I |
| Insulation material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper alloy |
| Contact plating | tin-plated |
| Fire load | 0,001 MJ |
| Weight | 0,1 g |

Environmental Requirements




| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | CH |
| GTIN | 4055143476584 |
| Customs tariff number | 85369010000 |

Aprobări / certificate

Country specific Approvals

| Embleă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------------|------------------------------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 60947-7-4 | NTR NL-7680 |
|  | CCA DEKRA Certification B.V. | EN 60838 | NTR NL-7720 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60947-7-4 | 71-103560 |
| | KEMA/KEUR DEKRA Certification B.V. | EN 60838 | 71-106226 |

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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.





Counterpart

Produse compatibile

General accessories

| | | |
|--|---|--|
|  | Nr. articol: 2059-901 Board-to-Board Link; Pin spacing 3 mm; 1-pole; Length: 15.3 mm; white | www.wago.com/2059-901 |
|  | Nr. articol: 2059-901/018-000 Board-to-Board Link; Pin spacing 3 mm; 1-pole; Length: 17.5 mm; white | www.wago.com/2059-901/018-000 |
|  | Nr. articol: 2059-901/021-000 Board-to-Board Link; Pin spacing 3 mm; 1-pole; Length: 20.5 mm; white | www.wago.com/2059-901/021-000 |

tools

| | | |
|--|--|--|
|  | Nr. articol: 2059-189 Operating tool; made of insulating material; for 2059 Series | www.wago.com/2059-189 |
|  | Nr. articol: 206-859 Operating tool; for 2059 Series | www.wago.com/206-859 |

Descărcări

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

Installation Notes

Conductor termination

Supus modificărilor.



Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal (e.g., via 206-859 Operating Tool)

Supus modificărilor.