



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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Termination resistor - SAC-5P-M 8MS DN TR - 1435988

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Termination resistor, DeviceNet™, M8, 5-pos.



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 5 STK |
| GTIN | |
| GTIN | 4046356431576 |

Technical data

Ambient conditions

| | |
|---------------------------------|-------------------------|
| Ambient temperature (operation) | -25 °C ... 90 °C (Plug) |
| Degree of protection | IP65 |
| | IP67 |

General

| | |
|-----------------------------|-------------------------|
| Rated current at 40°C | 3 A |
| Rated voltage | 30 V |
| | 6.5 V _{rms} |
| Termination resistor | 120 Ω (Contact 3 and 5) |
| Number of positions | 5 |
| Color handle area | black |
| Coding | B - inverse |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Insertion/withdrawal cycles | ≥ 100 |

Material

| | |
|--|----|
| Flammability rating according to UL 94 | HB |
|--|----|

Termination resistor - SAC-5P-M 8MS DN TR - 1435988

Technical data

Material

| | |
|--------------------------|---|
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material, knurls | Zinc die-cast, nickel-plated |

Characteristics head 2

| | |
|-------|-------|
| Color | black |
|-------|-------|

Standards and Regulations

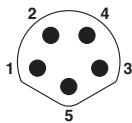
| | |
|--|----|
| Flammability rating according to UL 94 | HB |
|--|----|

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

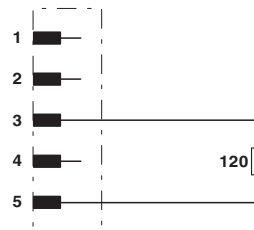
Drawings

Schematic diagram



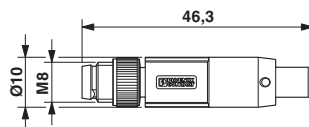
Pin assignment M8 plug, 5-pos., B-coded, view plug side

Circuit diagram



Internal wiring of connections

Dimensional drawing



M8 termination resistor

Approvals

Approvals

Termination resistor - SAC-5P-M 8MS DN TR - 1435988

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

| | | | |
|--------------------|--|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
| | | | |
| Nominal voltage UN | | 30 V | |
| Nominal current IN | | 3 A | |

| | | | |
|--------------------|--|---|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
| | | | |
| Nominal voltage UN | | 30 V | |
| Nominal current IN | | 3 A | |

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.AI30.B.01102 |
|-----|--|--------------------------|

| | |
|--------------|--|
| cULus Listed | |
|--------------|--|

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