



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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Test plug - FTP-2/4 SERVICE - 3069468

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Test plug, Number of positions: 4, Width: 34.2 mm, Color: red

Why buy this product

- ✓ Easy and time saving, thanks to functional grouping of switching operations
- ✓ Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- ✓ Space saving, thanks to offset test socket arrangement
- ✓ The integrated, robust switch contact is designed for the most stringent demands, and the use of high-quality materials ensures the transmission of signal currents, even after multiple actuations
- ✓ The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement
- ✓ Maximum safety with leading and automatic transformer short circuit

Key Commercial Data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 STK |
| Weight per Piece (excluding packing) | 140.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|-----------------------|-------------------|
| Number of positions | 4 |
| Number of levels | 1 |
| Number of connections | 8 |
| Potentials | 4 |
| Nominal cross section | 6 mm ² |
| Color | red |
| Insulating material | PA |

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Technical data

General

| | |
|---|-------------|
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 5 kV |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum load current | 24 A |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 400 V AC/DC |
| Open side panel | No |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Static insulating material application in cold | -60 °C |
| Behavior in fire for rail vehicles (DIN 5510-2) | Test passed |
| Flame test method (DIN EN 60695-11-10) | V0 |
| Oxygen index (DIN EN ISO 4589-2) | >32 % |
| NF F16-101, NF F10-102 Class I | 2 |
| NF F16-101, NF F10-102 Class F | 2 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |

Dimensions

| | |
|--------|---------|
| Width | 34.2 mm |
| Length | 86 mm |
| Pitch | 8.2 mm |

Connection data

| | |
|--|---|
| Note | The conductor cross section depends on the cable lug used |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 14 |

Assembly

| | |
|---------------|-------------------------|
| Mounting type | Insertion in base strip |
|---------------|-------------------------|

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Technical data

Assembly

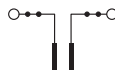
| | |
|--|--------|
| Min. tightening torque of the test socket screw: | 0.5 Nm |
| Max. tightening torque of the test socket screw: | 0.6 Nm |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Drawings

Circuit diagram



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 8.0 | 27141190 |
| eCl@ss 9.0 | 27141190 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC002848 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

Test plug - FTP-2/4 SERVICE - 3069468

Approvals

| | |
|--|-------|
| UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425 | |
| | D |
| Nominal current IN | 10 A |
| Nominal voltage UN | 300 V |

| | |
|---|-------|
| cUL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425 | |
| | D |
| Nominal current IN | 10 A |
| Nominal voltage UN | 300 V |

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

Accessories

Accessories

Coding element

Coding profile - PC-FTP-TRI - 3069898



Coding profile, For FTP-2 and FTPR-2 test plugs and FBP-2 blind plugs, design: delta, Length: 25.5 mm, Width: 4 mm, Height: 6 mm, Color: red

Coding profile - PC-FTP-TRI - 3069898



Coding profile, For FTP-2 and FTPR-2 test plugs and FBP-2 blind plugs, design: delta, Length: 25.5 mm, Width: 4 mm, Height: 6 mm, Color: red

Connector

Test plug - FTP-2/4 SERVICE - 3069468

Accessories

Fork-type cable lug - C-FCI 2,5/M3 - 3240037



Fork-type cable lug, blue, 1.5 - 2.5 mm², M3

Ring cable lug - C-RCI 1,5/M3 - 3240016



Ring cable lug, red, 0.5 ... 1.5 mm², M3

Ring cable lug - C-RCI 2,5/M3 - 3240021



Ring cable lug, blue, 1.5 ... 2.5 mm², M3

Test socket

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, Color: transparent

Female test connector - PSBJ-URTK 6 RD - 3026719



Female test connector, Color: red

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Accessories

Female test connector - PSBJ-URTK 6 BU - 3026434



Female test connector, Color: blue

Female test connector - PSBJ-URTK 6 YE - 3026405



Female test connector, Color: yellow

Female test connector - PSBJ-URTK 6 GN - 3026418



Female test connector, Color: green

Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, Color: violet

Female test connector - PSBJ-URTK 6 GY - 3026612



Female test connector, Color: gray

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Accessories

Female test connector - PSBJ-URTK 6 BK - 3026447



Female test connector, Color: black

Female test connector - PSBJ-URTK 6 BN - 3026971



Female test connector, Color: brown

Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, Color: white

Additional products

Test terminal strip - PTWE 6-2/4 - 3069827



Test terminal strip, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 65.6 mm, Height: 56.5 mm, Color: gray, Mounting type: Wall mounting

Test terminal strip - PTRE 6-2/4 - 3069849



Test terminal strip, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 65.2 mm, Height: 56.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/7,5

Test plug - FTP-2/4 SERVICE - 3069468

Accessories

Test terminal strip - UTWE 6-2/4 - 3069650



Test terminal strip, Connection method: Screw connection, Number of positions: 4, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Width: 65.6 mm, Height: 56.5 mm, Color: gray, Mounting type: Wall mounting

Test terminal strip - UTRE 6-2/4 - 3069805



Test terminal strip, Connection method: Screw connection, Number of positions: 4, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Width: 65.2 mm, Height: 56.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/7,5