



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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Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

The figure shows a 10-position version of the product

Why buy this product

- Outside: plug-in connection for corresponding plugs with 3.81 mm pitch
- Headers for assembly in a device/housing panel
- Separate screw connection with the device/housing panel
- Inside: optional solder or 2.8 mm slip-on plug-in connection



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 226 (CC-2011) |
| GTIN |  4 017918 051136 |
| Custom tariff number | 85366990 |
| Country of origin | POLAND |

Technical data

Dimensions / positions

| | |
|---------------------|----------|
| Pitch | 3.81 mm |
| Dimension a | 49.53 mm |
| Number of positions | 14 |

Technical data

| | |
|-----------------------------|------------------|
| Range of articles | DFK-MC 1,5/..-GF |
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/2) | 160 V |

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

Technical data

Technical data

| | |
|---|---------------------|
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 8 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 8 A |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 16 |

Classifications

eClass

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |

etim

| | |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

unspsc

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECCEB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|--------------------|-------|-------|
| CSA | | |
| | B | D |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 150 V | 150 V |

| | | |
|--------------------|-------|-------|
| UL Recognized | | |
| | B | D |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

| | | |
|---------------------------------------|---------|--|
| VDE report with production monitoring | | |
| mm ² /AWG/kcmil | 0.2-1.5 | |
| Nominal current IN | 8 A | |
| Nominal voltage UN | 160 V | |

| | | |
|--------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

Approvals



| | |
|--------------------------------|---------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |



Accessories

Accessories

Assembly

Screw set - DFK-MC SS - 0710015



Screw set, for securing the header to the housing wall, consists of M2 x 8 screw, spring washer and nut, 1 piece each

Marking

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

Plug/Adapter

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

Accessories

Coding profile - CP-MSTB - 1734634



Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

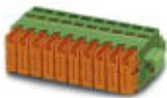
Additional products

Printed-circuit board connector - MC 1,5/14-STF-3,81 - 1827826



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/14-STF-3,81 - 1897665



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/14-STZF-3,81 - 1852480



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Base strip - DFK-MC 1,5/14-GF-3,81 - 1829455

Accessories

Printed-circuit board connector - FK-MCP 1,5/14-STF-3,81 - 1851355



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/14-STF-3,81 - 1828469



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/14-STF-3,81 - 1850974



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

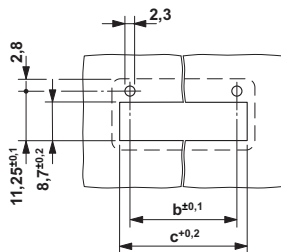
Printed-circuit board connector - MCVW 1,5/14-STF-3,81 - 1828618



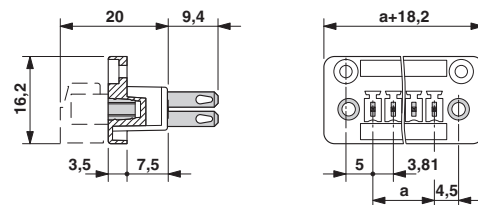
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Dimensioned drawing



Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)

Dimension c: Dim. b + 4.7 mm

