

Header - MCO 1,5/ 6-GL-3,81 - 1861769

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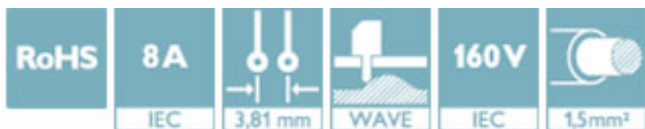


Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering


The figure shows a 10-position version of the product

Why buy this product

- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 120658
GTIN	4017918120658
Weight per Piece (excluding packing)	3.380 g
Custom tariff number	85366930
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length [l]	37.05 mm
Pitch	3.81 mm
Dimension a	19.05 mm
Width [w]	7.25 mm
Height [h]	35.68 mm
Length of the solder pin	3 mm
Pin dimensions	0,9 x 0,32 mm
Hole diameter	1.2 mm

General

Range of articles	MCO 1,5/...-GL
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Header - MCO 1,5/ 6-GL-3,81 - 1861769

Technical data

General

Insulating material group	IIIa
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/3)	125 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	200 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Insulating material	PA (PBT)
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

Standards and Regulations

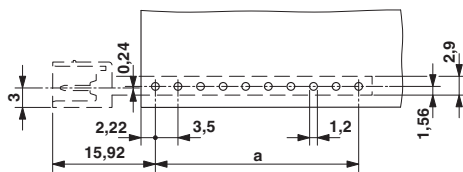
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

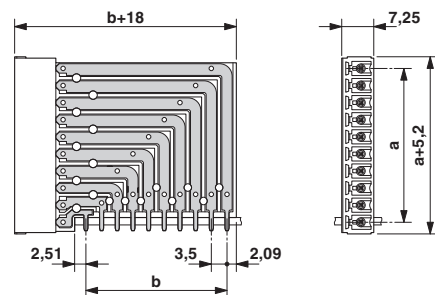
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704

Header - MCO 1,5/ 6-GL-3,81 - 1861769

Classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

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

Approvals


Approvals


Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B		D
Nominal current IN	8 A		8 A
Nominal voltage UN	300 V		300 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40011723
Nominal current IN		8 A	

Header - MCO 1,5/ 6-GL-3,81 - 1861769

Approvals

Nominal voltage UN	125 V
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	300 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-59621-B1B2
Nominal current IN	8 A		
Nominal voltage UN	125 V		

CCA	CCA/ DE1 34219
Nominal current IN	8 A
Nominal voltage UN	125 V

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

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



Additional products

Header - MCO 1,5/ 6-GL-3,81 - 1861769

Accessories

Printed-circuit board connector - FMC 1,5/ 6-ST-3,81 - 1748011



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 6-ST-3,81 - 1803617



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 6-ST-3,81 - 1827017



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 6-ST-3,81 - 1827169



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/ 6-ST-3,81 - 1850709

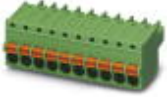


Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Front screw connection, color: green, contact surface: Tin

Header - MCO 1,5/ 6-GL-3,81 - 1861769

Accessories

Printed-circuit board connector - FK-MCP 1,5/ 6-ST-3,81 - 1851083



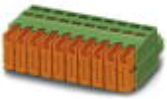
Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MCC 1/ 6-STZ-3,81 - 1852215



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, 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)

Printed-circuit board connector - QC 0,5/ 6-ST-3,81 - 1897432



Plug component, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 6, pitch: 3.81 mm, connection method: Displacement connection, color: green, contact surface: Tin