

Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

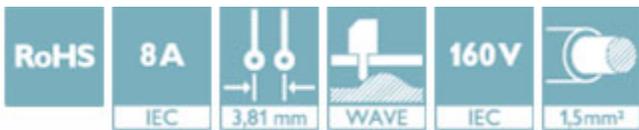


PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 3-position version

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	1
GTIN	 4 017918 111465
GTIN	4017918111465
Custom tariff number	85366930

Technical data

Dimensions

Length [l]	14.5 mm
Pitch	3.81 mm
Dimension a	22.86 mm
Width [w]	28.06 mm
Constructional height	8 mm
Height [h]	10.5 mm
Length of the solder pin	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Technical data

General

Range of articles	MCVDU 1,5/...-G
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)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Maximum load current	8 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	7

Standards and Regulations

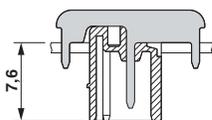
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

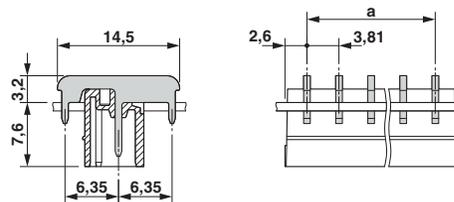
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
------------	----------

Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Classifications

eCl@ss

eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
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

CSA / VDE Gutachten mit Fertigungsüberwachung / IEC60384-14 CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	
Nominal voltage UN		300 V	

Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Approvals

	B
Nominal current IN	8 A

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		

IECEE CB Scheme		http://www.iecee.org/	DE1-60604-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

EAC		B.01742
-----	---	---------

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



Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Accessories

Labeled terminal marker

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



Marker card, 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, lettering field size: 3.81 x 2.8 mm

Additional products

Printed-circuit board connector - FMC 1,5/ 7-ST-3,81 - 1748024



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 7-ST-3,81 - 1803620



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 7-ST-3,81 - 1827020



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 7-ST-3,81 - 1827172



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Header - MCVDU 1,5/ 7-G-3,81 - 1837489

Accessories

Printed-circuit board connector - FRONT-MC 1,5/ 7-ST-3,81 - 1850712



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Front screw connection, color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 7-ST-3,81 - 1851096



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MCC 1/ 7-STZ-3,81 - 1852228



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, 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/ 7-ST-3,81 - 1897445



PCB connector, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 7, pitch: 3.81 mm, connection method: Displacement connection, color: green, contact surface: Tin