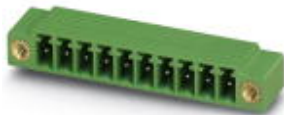


Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

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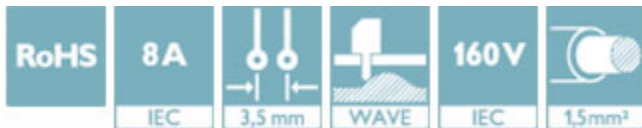
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 112950
GTIN	4017918112950
Weight per Piece (excluding packing)	3.000 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	9.2 mm
Width	34.85 mm
Pitch	3.5 mm
Dimension a	21 mm
Width [w]	34.85 mm

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

Technical data

Dimensions

Height [h]	10.65 mm
Height	7.25 mm
Length of the solder pin	3.4 mm
Pin dimensions	0.8 x 0.8 mm
Length	9.2 mm

General

Range of articles	MC 1,5/...-GF
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

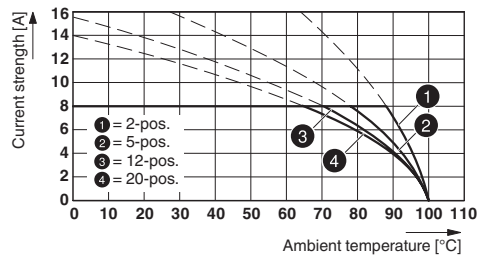
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

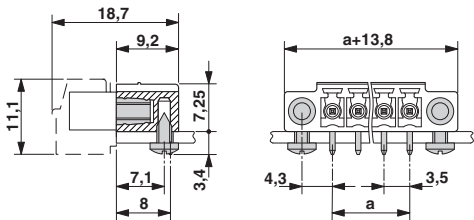
Drawings

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

Diagram

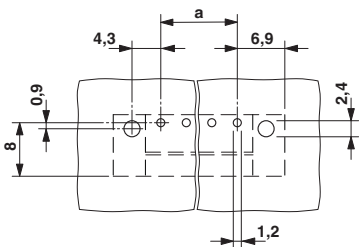


Dimensional drawing

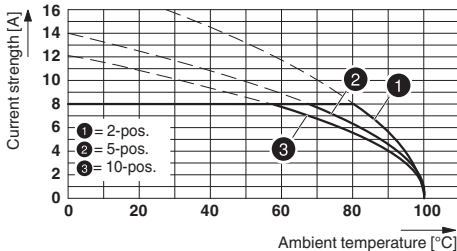


Type: FK-MCP 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

Drilling diagram

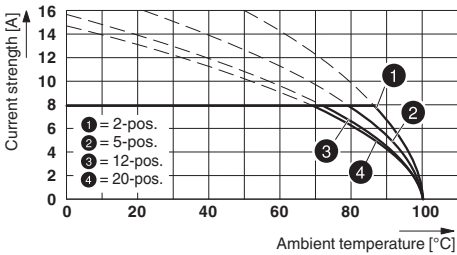


Diagram



Type: TFMC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

Diagram



Type: MC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

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

CSA / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-60987-B1B2
Nominal voltage UN	160 V		
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		

EAC	EAC	B.01742
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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	

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



Fiber optic

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

Accessories

Fiber optic - MC 1,5/10-LWL 1,5-3,5 - 1841161

MINI COMBICON fiber optics, 3.5 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 1.5 mm



Fiber optic - MC 1,5/10-LWL 2,3-3,5 - 1841187

MINI COMBICON fiber optics, 3.5 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 2.3 mm



Fiber optic - MC 1,5/10-LWL 4-3,5 - 1841200

MINI COMBICON fiber optics, 3.5 mm pitch, 10-pos., separable for other numbers of positions (minimum: 2-pos.), inserts into the back of the MC header, color: transparent, dimension a: 4 mm



Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 3.5 mm, lettering field size: 3.5 x 2.8 mm

Additional products

Printed-circuit board connector - TFMC 1,5/ 7-STF-3,5 - 1772757



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Feed-through header - MC 1,5/ 7-GF-3,5 - 1843842

Accessories

Printed-circuit board connector - MC 1,5/ 7-STF-3,5 - 1847107



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 7-STF-3,5 - 1863055



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 7-STF-3,5 - 1863356



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 7-STF-3,5 - 1940143



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 7-STF-3,5 - 1966143



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin
