

Base strip - GIC 2,5 HC/ 6-G-7,62 - 1745823

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Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The illustration shows the 5-pos. version

Product Features

- Compact 7.62 mm pitch
- Inverted GIC 2,5 HC headers with socket contacts for touch-proof device outputs (with GIC 2,5 HCV/... -ST) or a PCB/PCB connection (with GMSTBA 2,5 HC/... -G)
- CP-MSTB coding profile as protection against mismatching
- Maximum contact reliability due to integrated double steel spring



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	7.3 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	19 mm
Pitch	7.62 mm
Dimension a	38.1 mm
Constructional height	10.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

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Technical data

General

Range of articles	GIC 2,5 HC/...-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A
Insulating material	PA
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

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
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

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Classifications

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
Nominal current I _N	16 A	10 A
Nominal voltage U _N	250 V	300 V

cUL Recognized 		
	B	D
Nominal current I _N	16 A	10 A
Nominal voltage U _N	250 V	300 V

EAC

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Approvals

EAC

cULus Recognized 

Accessories

Additional products

Plug - GIC 2,5 HCV/ 6-ST-7,62 - 1745661



Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - GMSTBA 2,5 HC/ 6-G-7,62 - 1728895



Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Printed-circuit board connector - GMSTBVA 2,5 HC/ 6-G-7,62 - 1767050

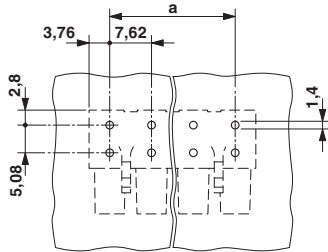


Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

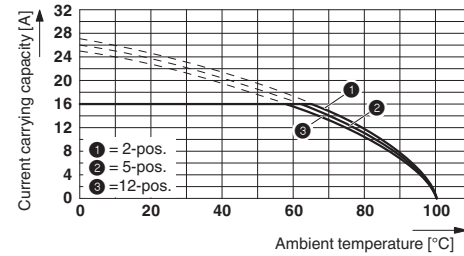
Drawings

Base strip - GIC 2,5 HC/ 6-G-7,62 - 1745823

Drilling diagram

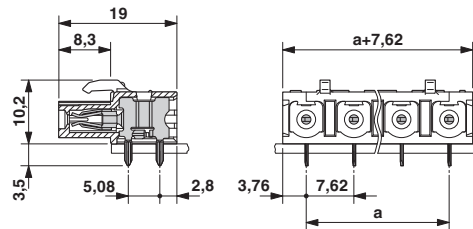


Diagram



Derating curve for: GIC 2,5 HC/...-ST-7,62 with GIC 2,5 HC/...-G-7,62

Dimensional drawing



Mouser Electronics

Authorized Distributor

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