

U | Contact

We realize ideas

Page 1/4

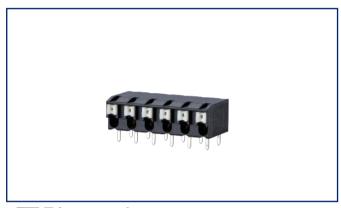
P/N AST225xx02

xx=number of poles 2025/05/05

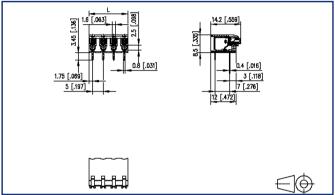
Version: Z

Data sheet SR215xxHBNC AST225

Illustrations



Dimensional drawing as an example





See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, THR solderable, double solder pins
- centerline 5.00 mm, direction of connection 90°
- · fittable without loss of poles
- color black
- Tape & Reel packaging possible
- · push-button





We realize ideas

U | Contact

Data sheet SR215xxHBNC AST225 Page 2/4

P/N AST225xx02 xx=number of poles 2025/05/05

Solder pin length 3.45 mm	Version:
Solder pin length 3.45 mm	
min. number of poles max. number of poles max. number of poles finsulating material class clearance/creepage dist. Protection category IP20 Insul. strip length Rated current 13.5 A Overvoltage category III III III III III III III	
min. number of poles max. number of poles 16 Insulating material class CTI 600 clearance/creepage dist. Protection category IP20 Insul. strip length Rated current 13.5 A Overvoltage category III III III III III III III	
max. number of poles 16 Insulating material class CTI 600 clearance/creepage dist. 3.4 mm Protection category IP20 Insul. strip length 8.5 mm Rated current 13.5 A Overvoltage category III III II Pollution degree 3 2 2 Rated voltage 250 V 630 V 630 V Rated test voltage 4 kV 4 kV 4 kV Terminal data rat.wiring solid AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 rat.wiring strand.AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 Approvals Energy V/A / AWG 300 / 10 / 28 - 16 Energy V/A / AWG approval UL - File No. E121004 V/A / T60 Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
Insulating material class	
Clearance/creepage dist. 3.4 mm Protection category IP20	
Protection category IP20	
Section Sect	
Rated current	
Pollution degree 3	
Rated voltage	
Rated test voltage 4 kV 4 kV Terminal data rat.wiring solid AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 rat.wiring strand.AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 Approvals Solve V/A/AWG 300 / 10 / 28 - 16 approval UL - File No. E121004 Solve V/ 17.5 A / T60 Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
Terminal data rat.wiring solid AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 rat.wiring strand.AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 Approvals V / A / AWG 300 / 10 / 28 - 16 approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material flammability class v0 spring material Spring steel contact material CuSn	
rat.wiring solid AWGmax 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 Approvals V / A / AWG 300 / 10 / 28 - 16 approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material flammability class spring material contact material CuSn	
rat.wiring strand.AWGmax O.08 mm² - 1.5 mm² / AWG 28 - AWG 16 Approvals V / A / AWG approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material flammability class spring material Spring steel contact material CuSn	
Approvals STUS V/A/AWG 300 / 10 / 28 - 16 approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material flammability class V0 spring material Spring steel contact material CuSn	
approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
approval UL - File No. E121004 250 V / 17.5 A / T60 Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
Material insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
insulating material PA66/6T flammability class V0 spring material Spring steel contact material CuSn	
flammability class V0 spring material Spring steel contact material CuSn	
spring material Spring steel contact material CuSn	
contact material CuSn	
Contact surface Sn	
Glow-Wire Flammability GWFI 960 °C acc. to IEC 60695-2-12	
Glow-Wire Flammability GWIT 775 °C acc. to IEC 60695-2-13	
Climatic Data	
upper limit temperature 105 °C	
lower limit temperature -40 °C	







U | Contact

We realize ideas

Data sheet SR215xxHBNC AST225

Page 3/4

P/N AST225xx02 xx=number of poles

2025/05/05

Version: Z

Technical Data

general	
Tolerance	ISO 2768 -mH
Solderability	reflowable

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).





U | Contact

We realize ideas

Page 4/4

P/N AST225xx02

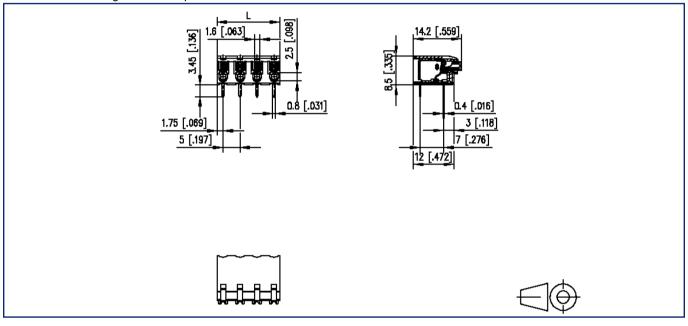
xx=number of poles 2025/05/05

Version: Z

Data sheet SR215xxHBNC AST225

Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 3.5 mm [0.138]

