

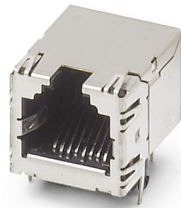
VS-08-BU-RJ45-6/LH-1 - Modular RJ45 PCB connectors



1653087

<https://www.phoenixcontact.com/us/products/1653087>

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Modular RJ45 PCB connectors, connection direction of the connector to the PCB: 90 °, Tab up, number of positions: 8, 1 Gbps, THT, Wave, type of packaging: Box

Your advantages

- Through-hole technology (THT) provides high mechanical stability when connecting the female connector to the PCB
- The extended temperature range from -25°C to +80°C enables use in demanding applications
- Safe transmission due to shielding

Commercial data

Item number	1653087
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB12
Product key	ABNADC
GTIN	4017918970031
Weight per piece (including packing)	7.02 g
Weight per piece (excluding packing)	5.13 g
Customs tariff number	85366930
Country of origin	JP

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Technical data

Product properties

Product type	Data connector (device side)
Sensor type	Universal
Number of positions	8
Note number of positions	8P8C
Connection profile	RJ45
Housing shield springs	Yes
Number of slots	1
Shielded	yes

Insulation characteristics

Overvoltage category	I
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Electrical properties

Rated voltage	72 V DC
Rated surge voltage	1.5 kV DC (IEC 60664-1)
Rated current	1 A
Test voltage	1.5 kV DC IEC 60603-7 (Contact - contact)
	1.5 kV DC IEC 60603-7 (Contact - shield)
Insulation resistance	> 500 M Ω (IEC 60603-7)
Transmission speed	1 Gbps
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	Female
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Signaling

Status display present	no
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Dimensions

Width	17.6 mm
Height	18.1 mm
Length	21 mm
Installed height	13.80 mm
Orientation to PCB	90.00 °
Data pin length	3.60 mm

Material specifications

Material	Au (1.27 μ m/50 μ "")
Material	Ni
Material	Au (Flash)

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Material	Ni
Material Housing	Sn
Material Contact	Phosphor bronze
Material	Sn
Material Contact carrier	PBT (Housing (female/insert))

Cable/line

Halogen-free	no
Flame resistance	UL 94 V0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 750 (IEC 60603-7)
Insertion force	< 20 N (IEC 60603-7)
Withdrawal force	< 20 N (IEC 60603-7)

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP20 (IEC 60603-7)
Degree of protection (not plugged in)	IP20 (IEC 60603-7)
Ambient temperature (operation)	-25 °C ... 80 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C

Standards and regulations

Flame resistance	UL 94 V0
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Mounting

Mounting type	THT
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Processing notes

Classification temperature T _c	260 °C
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Packaging specifications

Type of packaging	Box
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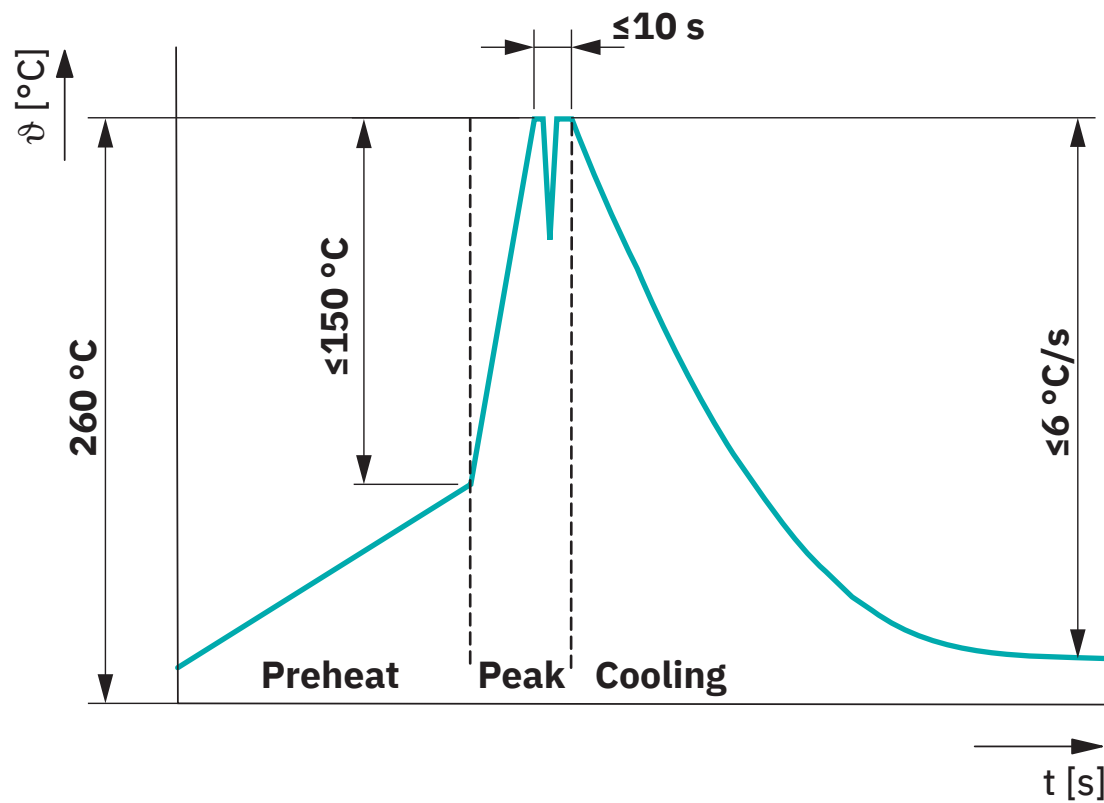


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Drawings

Diagram



Classification wave soldering profile

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Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 9.0	EC002637
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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