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RJ45 male insert - VS-08-RJ45-10G/C - 1418853

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Male insert RJ45, CAT6$_A$, 10 Gigabit

RoHS   Ethernet   CAT6$_A$ 10 Gigabit/s   CC-Link IE

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	5 STK
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85366990
Country of origin	Taiwan

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	$\geq$ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Connection cross section AWG	24 ... 27 (stranded)
Cable exit	straight
Color	yellow
Wire diameter including insulation	0.9 mm ... 1 mm
Insulation resistance	min. 100 MΩ (100 V DC)

Ambient conditions

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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C

Material data

Flammability rating according to UL 94	V2
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission characteristics (category)	$CAT6_A$
GRP transmission properties	$CAT6_A$
Frequency range	to 500 MHz
Overvoltage category	I

Standards and Regulations

Flammability rating according to UL 94	V2

Drawings

Dimensional drawing
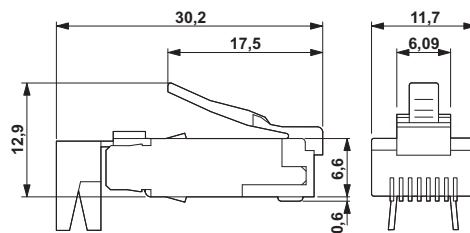
RJ45 male insert

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701

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Classifications

eCl@ss

eCl@ss 6.0	27260705
eCl@ss 7.0	27440309
eCl@ss 8.0	27440312
eCl@ss 9.0	27440312

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC   B.01742

Accessories

Accessories

Bend protection sleeve

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Accessories

RJ45 bending protection sleeve - VS-08-KS-H/GY - 1654743

RJ45 bend protection sleeve, for pin inserts VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, for cable cross section up to 7 mm, color: gray

RJ45 bending protection sleeve - VS-08-KS-H/GN - 1654756

RJ45 bend protection sleeve, for pin inserts VS-08-ST-H11-RJ45 and VS-08-ST-H21-RJ45, for cable cross section up to 7 mm, color: green

Crimping tool

Crimping pliers - VS-CT-RJ45-H - 1653265

Crimp tool, pliers with die, for RJ45 pin inserts VS-08-ST-H...-RJ45 and VS-08-RJ45-10G/C

Sleeve housings

RJ45 sleeve housings - VS-08-T-H-RJ45/IP67 - 1652732

RJ45 sleeve housings, Degree of protection: IP67, Number of positions: 8, Material: PA, Cable exit: straight

RJ45 sleeve housings - VS-08-T-H-RJ45/IP67-BK - 1658671

RJ45 sleeve housings, Degree of protection: IP67, Number of positions: 8, Material: PA, Cable exit: straight

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Accessories