

Data sheet | Item number: 769-662

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole



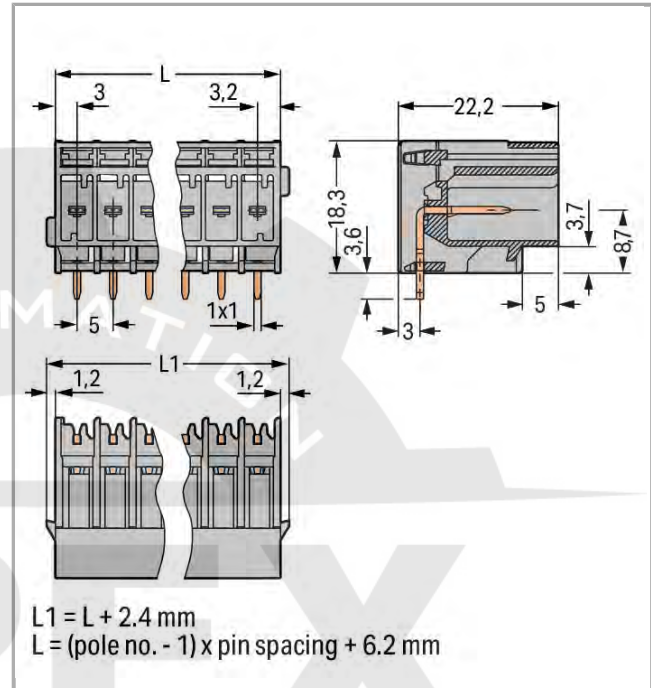
769-662



RoHS
Compliant ✓

BOMcheck.net

Color: ■



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	500 V
Rated impulse voltage (III / 2)	4 kV
Rated current	32 A

Connection data

No. of poles	2
Total number of potentials	2
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	13.6 mm / 0.535 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	0°

PCB contact

PCB contact	THT
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Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.055 MJ
Weight	2.564 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4044918396493
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA	IEC 61984	NL-47799

DEKRA Certification B.V.



CSA
DEKRA Certification B.V.

C22.2 No. 158

1101144



KEMA/KEUR
DEKRA Certification B.V.

EN 60947

2190419.01

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204

**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated

216-206

Item no.: 216-301Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

216-301

**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated

216-302

Coding**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

Female plug**Item no.: 769-101**1-conductor female plug; 4 mm²; 1-pole

769-101

**Item no.: 769-102**1-conductor female plug; 4 mm²; 2-pole

769-102

**Item no.: 769-102/000-036**1-conductor female plug; 4 mm²; 2-pole

769-102

/000-036

**Item no.: 769-102/000-037**1-conductor female plug; 4 mm²; 2-pole

769-102

/000-037

**Item no.: 769-102/021-000**1-conductor female plug; Locking lever; 4 mm²; 2-pole

769-102

/021-000

**Item no.: 769-103**1-conductor female plug; 4 mm²; 3-pole

769-103

**Item no.: 769-103/000-036**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-036

**Item no.: 769-103/000-037**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-037

**Item no.: 769-103/000-038**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-038

**Item no.: 769-103/000-039**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-039

**Item no.: 769-104**1-conductor female plug; 4 mm²; 4-pole

769-104

**Item no.: 769-104/000-036**1-conductor female plug; 4 mm²; 4-pole

769-104

/000-036

	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole	/000-037	769-104
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole	/000-038	769-104
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	/000-039	769-104
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole		769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	/000-036	769-105
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole	/000-037	769-105
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole	/000-038	769-105
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	/000-039	769-105
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole		769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole	/000-006	769-106
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm ² ; 6-pole	/000-036	769-106
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole	/000-037	769-106
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm ² ; 6-pole	/000-038	769-106
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm ² ; 6-pole	/000-039	769-106
	Item no.: 769-107 1-conductor female plug; 4 mm ² ; 7-pole		769-107
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm ² ; 7-pole	/000-036	769-107



Item no.: 769-107/000-037
1-conductor female plug; 4 mm²; 7-pole

/000-037

769-107



Item no.: 769-107/000-038
1-conductor female plug; 4 mm²; 7-pole

/000-038

769-107



Item no.: 769-107/000-039
1-conductor female plug; 4 mm²; 7-pole

/000-039

769-107



Item no.: 769-108
1-conductor female plug; 4 mm²; 8-pole

769-108



Item no.: 769-108/000-036
1-conductor female plug; 4 mm²; 8-pole

/000-036

769-108



Item no.: 769-108/000-037
1-conductor female plug; 4 mm²; 8-pole

/000-037

769-108



Item no.: 769-108/000-038
1-conductor female plug; 4 mm²; 8-pole

/000-038

769-108



Item no.: 769-108/000-039
1-conductor female plug; 4 mm²; 8-pole

/000-039

769-108



Item no.: 769-109
1-conductor female plug; 4 mm²; 9-pole

769-109



Item no.: 769-109/000-036
1-conductor female plug; 4 mm²; 9-pole

/000-036

769-109



Item no.: 769-109/000-037
1-conductor female plug; 4 mm²; 9-pole

/000-037

769-109



Item no.: 769-109/000-038
1-conductor female plug; 4 mm²; 9-pole

/000-038

769-109



Item no.: 769-109/000-039
1-conductor female plug; 4 mm²; 9-pole

/000-039

769-109



Item no.: 769-110
1-conductor female plug; 4 mm²; 10-pole

769-110



Item no.: 769-110/000-036
1-conductor female plug; 4 mm²; 10-pole

/000-036

769-110

	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole	/000-037	769-110
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole	/000-038	769-110
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole	/000-039	769-110
	Item no.: 769-111 1-conductor female plug; 4 mm ² ; 11-pole		769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole	/000-036	769-111
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole	/000-037	769-111
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole	/000-038	769-111
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm ² ; 11-pole	/000-039	769-111
	Item no.: 769-112 1-conductor female plug; 4 mm ² ; 12-pole		769-112
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm ² ; 12-pole	/000-036	769-112
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm ² ; 12-pole	/000-037	769-112
	Item no.: 769-112/000-038 1-conductor female plug; 4 mm ² ; 12-pole	/000-038	769-112
	Item no.: 769-112/000-039 1-conductor female plug; 4 mm ² ; 12-pole	/000-039	769-112
	Item no.: 769-113 1-conductor female plug; 4 mm ² ; 13-pole		769-113
	Item no.: 769-113/000-036 1-conductor female plug; 4 mm ² ; 13-pole	/000-036	769-113

	Item no.: 769-113/000-037 1-conductor female plug; 4 mm ² ; 13-pole	769-113 /000-037
	Item no.: 769-113/000-038 1-conductor female plug; 4 mm ² ; 13-pole	769-113 /000-038
	Item no.: 769-113/000-039 1-conductor female plug; 4 mm ² ; 13-pole	769-113 /000-039
	Item no.: 769-114 1-conductor female plug; 4 mm ² ; 14-pole	769-114
	Item no.: 769-114/000-036 1-conductor female plug; 4 mm ² ; 14-pole	769-114 /000-036
	Item no.: 769-114/000-037 1-conductor female plug; 4 mm ² ; 14-pole	769-114 /000-037
	Item no.: 769-114/000-038 1-conductor female plug; 4 mm ² ; 14-pole	769-114 /000-038
	Item no.: 769-114/000-039 1-conductor female plug; 4 mm ² ; 14-pole	769-114 /000-039
	Item no.: 769-115 1-conductor female plug; 4 mm ² ; 15-pole	769-115
	Item no.: 769-115/000-036 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-036
	Item no.: 769-115/000-037 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-037
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-038
	Item no.: 769-115/000-039 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-039
	Item no.: 769-121 2-conductor female connector; 4 mm ² ; 1-pole	769-121
	Item no.: 769-122 2-conductor female connector; 4 mm ² ; 2-pole	769-122
	Item no.: 769-123 2-conductor female connector; 4 mm ² ; 3-pole	769-123



Item no.: 769-124
2-conductor female connector; 4 mm²; 4-pole

769-124



Item no.: 769-125
2-conductor female connector; 4 mm²; 5-pole

769-125



Item no.: 769-126
2-conductor female connector; 4 mm²; 6-pole

769-126



Item no.: 769-127
2-conductor female connector; 4 mm²; 7-pole

769-127



Item no.: 769-128
2-conductor female connector; 4 mm²; 8-pole

769-128



Item no.: 769-129
2-conductor female connector; 4 mm²; 9-pole

769-129



Item no.: 769-130
2-conductor female connector; 4 mm²; 10-pole

769-130



Item no.: 769-131
2-conductor female connector; 4 mm²; 11-pole

769-131



Item no.: 769-132
2-conductor female connector; 4 mm²; 12-pole

769-132



Item no.: 769-133
2-conductor female connector; 4 mm²; 13-pole

769-133



Item no.: 769-134
2-conductor female connector; 4 mm²; 14-pole

769-134



Item no.: 769-135
2-conductor female connector; 4 mm²; 15-pole

769-135

Marking accessories



Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

210-831



Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive

210-832



Item no.: 210-833
Marking strips; on reel; 6 mm wide; plain; Self-adhesive

210-833



Item no.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive

210-834

Downloads

Documentation

Bid Text

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CAD/CAE - Smart Data

CAD data

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Product family

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Subject to changes.