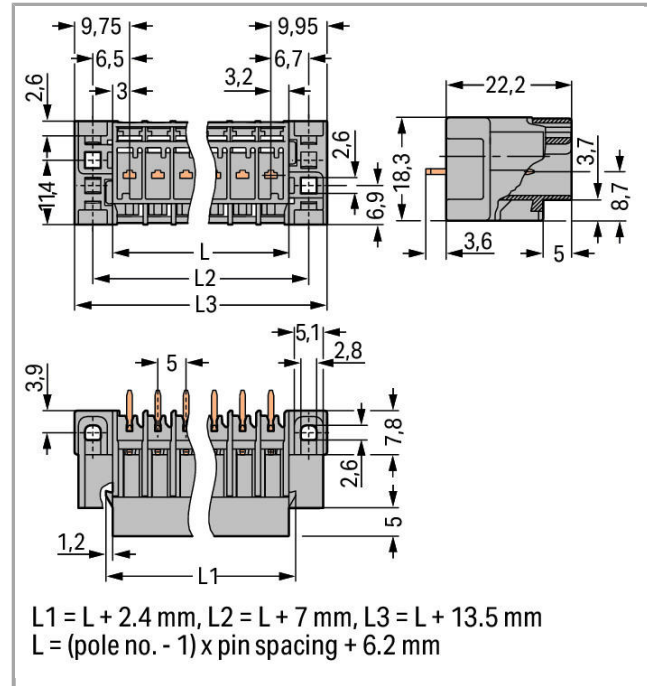


# Data sheet | Item number: 769-645/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 15-pole



769-645\_004-000



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	15
Total number of potentials	15
Number of levels	1

## Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	89.7 mm / 3.531 inch
Height from the surface	22.2 mm / 0.874 inch
Depth	18.3 mm / 0.72 inch

## Mechanical data

Mounting type	Mounting flange
---------------	-----------------

## Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	90°

## PCB contact

PCB contact	THT
-------------	-----

## Material Data


Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.343 MJ
Weight	15.875 g




## Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4017332412858
Customs Tariff No.	85366990990


## Approvals / Certificates

### Country specific Approvals

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








	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7626
	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 1059	31.07.2019- E45172

Compatible products

Female plug

	<b>Item no.: 769-101</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 1-pole	769-101
	<b>Item no.: 769-102</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	769-102
	<b>Item no.: 769-102/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	/000-036 769-102
	<b>Item no.: 769-102/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	/000-037 769-102
	<b>Item no.: 769-103</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103
	<b>Item no.: 769-103/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	/000-036 769-103
	<b>Item no.: 769-103/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	/000-037 769-103

	<b>Item no.: 769-103/000-038</b> 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-038
	<b>Item no.: 769-103/000-039</b> 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-039
	<b>Item no.: 769-104</b> 1-conductor female plug; 4 mm²; 4-pole	769-104
	<b>Item no.: 769-104/000-036</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-036
	<b>Item no.: 769-104/000-037</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-037
	<b>Item no.: 769-104/000-038</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-038
	<b>Item no.: 769-104/000-039</b> 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-039
	<b>Item no.: 769-105</b> 1-conductor female plug; 4 mm²; 5-pole	769-105
	<b>Item no.: 769-105/000-036</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-036
	<b>Item no.: 769-105/000-037</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-037
	<b>Item no.: 769-105/000-038</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-038
	<b>Item no.: 769-105/000-039</b> 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-039
	<b>Item no.: 769-106</b> 1-conductor female plug; 4 mm²; 6-pole	769-106
	<b>Item no.: 769-106/000-006</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-006
	<b>Item no.: 769-106/000-036</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-036
	<b>Item no.: 769-106/000-037</b> 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-037



**Item no.: 769-106/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-038

769-106



**Item no.: 769-106/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-039

769-106



**Item no.: 769-107**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

769-107



**Item no.: 769-107/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-036

769-107



**Item no.: 769-107/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-037

769-107



**Item no.: 769-107/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-038

769-107



**Item no.: 769-107/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-039

769-107



**Item no.: 769-108**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

769-108



**Item no.: 769-108/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-036

769-108



**Item no.: 769-108/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-037

769-108



**Item no.: 769-108/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-038

769-108



**Item no.: 769-108/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

/000-039

769-108



**Item no.: 769-109**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

769-109



**Item no.: 769-109/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

/000-036
















769-109


















**Item no.: 769-109/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

/000-037

769-109

	<b>Item no.: 769-109/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	/000-038	769-109
	<b>Item no.: 769-109/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	/000-039	769-109
	<b>Item no.: 769-110</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole		769-110
	<b>Item no.: 769-110/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-036	769-110
	<b>Item no.: 769-110/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-037	769-110
	<b>Item no.: 769-110/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-038	769-110
	<b>Item no.: 769-110/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-039	769-110
	<b>Item no.: 769-111</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole		769-111
	<b>Item no.: 769-111/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-036	769-111
	<b>Item no.: 769-111/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-037	769-111
	<b>Item no.: 769-111/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-038	769-111
	<b>Item no.: 769-111/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-039	769-111
	<b>Item no.: 769-112</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole		769-112
	<b>Item no.: 769-112/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	/000-036	769-112
	<b>Item no.: 769-112/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 12-pole	/000-037	769-112

	<b>Item no.: 769-112/000-038</b> 1-conductor female plug; 4 mm²; 12-pole	/000-038	769-112
	<b>Item no.: 769-112/000-039</b> 1-conductor female plug; 4 mm²; 12-pole	/000-039	769-112
	<b>Item no.: 769-113</b> 1-conductor female plug; 4 mm²; 13-pole		769-113
	<b>Item no.: 769-113/000-036</b> 1-conductor female plug; 4 mm²; 13-pole	/000-036	769-113
	<b>Item no.: 769-113/000-037</b> 1-conductor female plug; 4 mm²; 13-pole	/000-037	769-113
	<b>Item no.: 769-113/000-038</b> 1-conductor female plug; 4 mm²; 13-pole	/000-038	769-113
	<b>Item no.: 769-113/000-039</b> 1-conductor female plug; 4 mm²; 13-pole	/000-039	769-113
	<b>Item no.: 769-114</b> 1-conductor female plug; 4 mm²; 14-pole		769-114
	<b>Item no.: 769-114/000-036</b> 1-conductor female plug; 4 mm²; 14-pole	/000-036	769-114
	<b>Item no.: 769-114/000-037</b> 1-conductor female plug; 4 mm²; 14-pole	/000-037	769-114
	<b>Item no.: 769-114/000-038</b> 1-conductor female plug; 4 mm²; 14-pole	/000-038	769-114
	<b>Item no.: 769-114/000-039</b> 1-conductor female plug; 4 mm²; 14-pole	/000-039	769-114
	<b>Item no.: 769-115</b> 1-conductor female plug; 4 mm²; 15-pole		769-115
	<b>Item no.: 769-115/000-036</b> 1-conductor female plug; 4 mm²; 15-pole	/000-036	769-115
	<b>Item no.: 769-115/000-037</b> 1-conductor female plug; 4 mm²; 15-pole	/000-037	769-115
	<b>Item no.: 769-115/000-038</b> 1-conductor female plug; 4 mm²; 15-pole	/000-038	769-115

**Item no.: 769-115/000-039**1-conductor female plug; 4 mm<sup>2</sup>; 15-pole

/000-039

769-115

**Item no.: 769-115/021-000**1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 15-pole

/021-000

769-115

**Item no.: 769-121**2-conductor female connector; 4 mm<sup>2</sup>; 1-pole

769-121

**Item no.: 769-122**2-conductor female connector; 4 mm<sup>2</sup>; 2-pole

769-122

**Item no.: 769-123**2-conductor female connector; 4 mm<sup>2</sup>; 3-pole

769-123

**Item no.: 769-124**2-conductor female connector; 4 mm<sup>2</sup>; 4-pole

769-124

**Item no.: 769-125**2-conductor female connector; 4 mm<sup>2</sup>; 5-pole

769-125

**Item no.: 769-126**2-conductor female connector; 4 mm<sup>2</sup>; 6-pole

769-126

**Item no.: 769-127**2-conductor female connector; 4 mm<sup>2</sup>; 7-pole

769-127

**Item no.: 769-128**2-conductor female connector; 4 mm<sup>2</sup>; 8-pole

769-128

**Item no.: 769-129**2-conductor female connector; 4 mm<sup>2</sup>; 9-pole

769-129

**Item no.: 769-130**2-conductor female connector; 4 mm<sup>2</sup>; 10-pole

769-130

**Item no.: 769-131**2-conductor female connector; 4 mm<sup>2</sup>; 11-pole

769-131

**Item no.: 769-132**2-conductor female connector; 4 mm<sup>2</sup>; 12-pole

769-132

**Item no.: 769-133**2-conductor female connector; 4 mm<sup>2</sup>; 13-pole

769-133

**Item no.: 769-134**2-conductor female connector; 4 mm<sup>2</sup>; 14-pole

769-134

**Item no.: 769-135**2-conductor female connector; 4 mm<sup>2</sup>; 15-pole

769-135

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

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

769-435



Marking accessories

	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	210-831
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive	210-834

Downloads

Documentation

Bid Text

769-645/004-000		doc 25.6 kB	Download
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Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE - Smart Data

CAD data

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Product family

**X-COM**  
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Subject to changes.