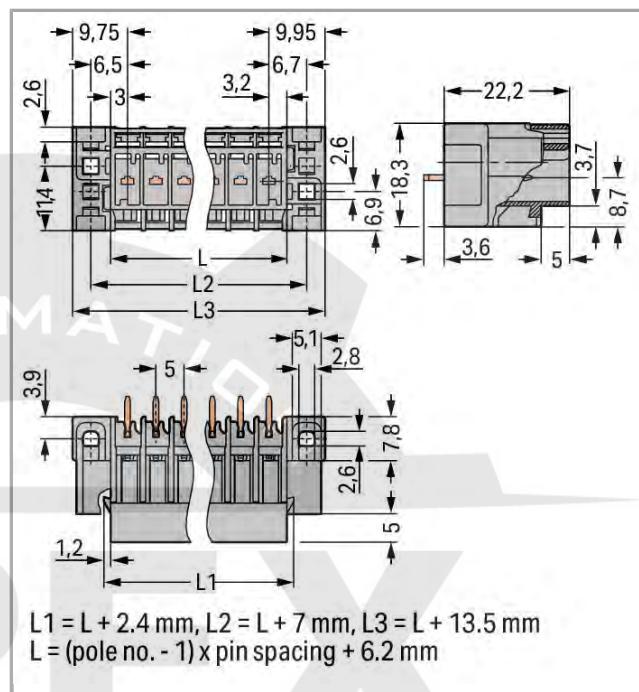
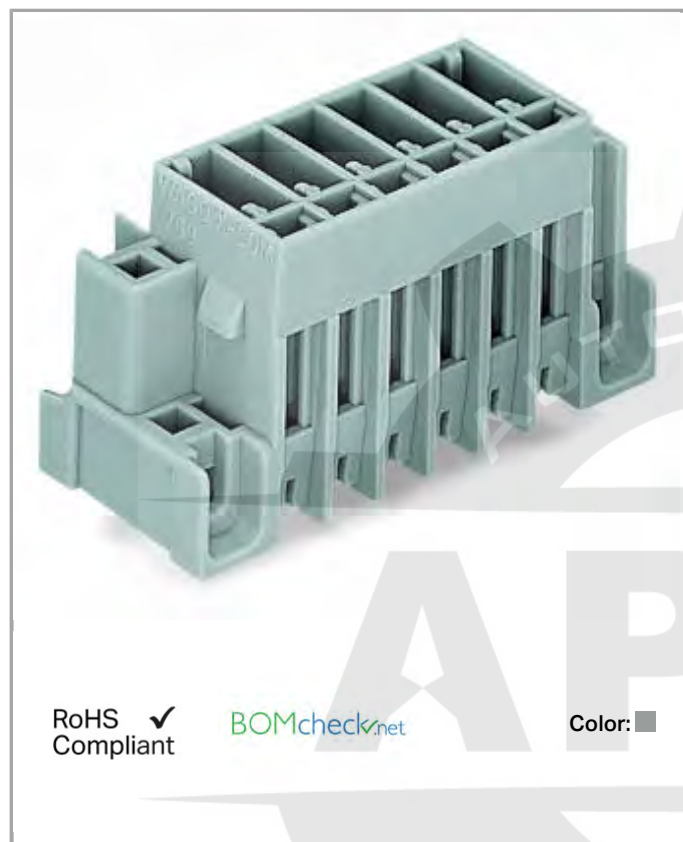


Data sheet | Item number: 769-645/004-000

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



769-645_004-000



RoHS Compliant

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
Mismatching 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

	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	Item no.: 769-102 1-conductor female plug; 4 mm ² ; 2-pole	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm ² ; 2-pole	769-102 /000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole	769-102 /000-037
	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole	769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-036
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 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 mm²; 4-pole	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-038
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-039
	Item no.: 769-105 1-conductor female plug; 4 mm²; 5-pole	769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-036
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-039
	Item no.: 769-106 1-conductor female plug; 4 mm²; 6-pole	769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-037



Item no.: 769-106/000-038
1-conductor female plug; 4 mm²; 6-pole

/000-038

769-106



Item no.: 769-106/000-039
1-conductor female plug; 4 mm²; 6-pole

/000-039

769-106



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

769-107



Item no.: 769-107/000-036
1-conductor female plug; 4 mm²; 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 mm²; 10-pole	/000-037	769-110
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm²; 10-pole	/000-038	769-110
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm²; 10-pole	/000-039	769-110
	Item no.: 769-111 1-conductor female plug; 4 mm²; 11-pole		769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm²; 11-pole	/000-036	769-111
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm²; 11-pole	/000-037	769-111
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm²; 11-pole	/000-038	769-111
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm²; 11-pole	/000-039	769-111
	Item no.: 769-112 1-conductor female plug; 4 mm²; 12-pole		769-112
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm²; 12-pole	/000-036	769-112
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm²; 12-pole	/000-037	769-112



Item no.: 769-112/000-038
1-conductor female plug; 4 mm²; 12-pole

/000-038

769-112



Item no.: 769-112/000-039
1-conductor female plug; 4 mm²; 12-pole

/000-039

769-112



Item no.: 769-113
1-conductor female plug; 4 mm²; 13-pole

/000-036

769-113



Item no.: 769-113/000-036
1-conductor female plug; 4 mm²; 13-pole

/000-036

769-113



Item no.: 769-113/000-037
1-conductor female plug; 4 mm²; 13-pole

/000-037

769-113



Item no.: 769-113/000-038
1-conductor female plug; 4 mm²; 13-pole

/000-038

769-113



Item no.: 769-113/000-039
1-conductor female plug; 4 mm²; 13-pole

/000-039

769-113



Item no.: 769-114
1-conductor female plug; 4 mm²; 14-pole

/000-036

769-114



Item no.: 769-114/000-036
1-conductor female plug; 4 mm²; 14-pole

/000-036

769-114



Item no.: 769-114/000-037
1-conductor female plug; 4 mm²; 14-pole

/000-037

769-114



Item no.: 769-114/000-038
1-conductor female plug; 4 mm²; 14-pole

/000-038

769-114



Item no.: 769-114/000-039
1-conductor female plug; 4 mm²; 14-pole

/000-039

769-114



Item no.: 769-115
1-conductor female plug; 4 mm²; 15-pole

/000-036

769-115



Item no.: 769-115/000-036
1-conductor female plug; 4 mm²; 15-pole

/000-036

769-115



Item no.: 769-115/000-037
1-conductor female plug; 4 mm²; 15-pole

/000-037

769-115

Item no.: 769-115/000-038
1-conductor female plug; 4 mm²; 15-pole

/000-038

769-115



Item no.: 769-115/000-039
1-conductor female plug; 4 mm²; 15-pole

/000-039

769-115



Item no.: 769-115/021-000
1-conductor female plug; Locking lever; 4 mm²; 15-pole

/021-000

769-115



Item no.: 769-121
2-conductor female connector; 4 mm²; 1-pole

769-121



Item no.: 769-122
2-conductor female connector; 4 mm²; 2-pole

769-122



Item no.: 769-123
2-conductor female connector; 4 mm²; 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

Coding



Item no.: 769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

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

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

3D Download 769-645/004-000	URL	Download
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Product family

X-COM

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Subject to changes.