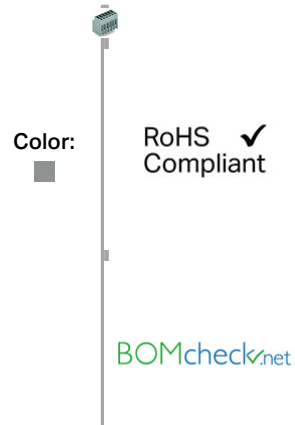


Data sheet | Item number: 769-643

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole



769-643



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	13
Total number of potentials	13
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	68.6 mm / 2.701 inch
Height from the surface	22.2 mm / 0.874 inch
Depth	18.3 mm / 0.72 inch

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	0.276 MJ
Weight	13.009 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4017332602655
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 DEKRA Certification B.V.	IEC 61984	NL-47799
	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

Coding
















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

















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 mm ² ; 3-pole		769-103
		/000-038	
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole		769-103
		/000-039	
	Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole		769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole		769-104
		/000-036	
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole		769-104
		/000-037	
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole		769-104
		/000-038	
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole		769-104
		/000-039	
	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		769-105
		/000-036	
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole		769-105
		/000-037	
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole		769-105
		/000-038	
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole		769-105
		/000-039	
	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		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	769-106 /000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-039
	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	769-107 /000-036
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm²; 7-pole	769-107 /000-037
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm²; 7-pole	769-107 /000-038
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm²; 7-pole	769-107 /000-039
	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	769-108 /000-036
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-039
	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	769-109 /000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-039
	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	769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-038
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-039
	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	769-111 /000-036
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm²; 11-pole	769-111 /000-037
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm²; 11-pole	769-111 /000-038
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm²; 11-pole	769-111 /000-039
	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	769-112 /000-036
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm²; 12-pole	769-112 /000-037
	Item no.: 769-112/000-038 1-conductor female plug; 4 mm²; 12-pole	769-112 /000-038
	Item no.: 769-112/000-039 1-conductor female plug; 4 mm²; 12-pole	769-112 /000-039
	Item no.: 769-113 1-conductor female plug; 4 mm²; 13-pole	769-113
	Item no.: 769-113/000-036 1-conductor female plug; 4 mm²; 13-pole	769-113 /000-036
	Item no.: 769-113/000-037 1-conductor female plug; 4 mm²; 13-pole	769-113 /000-037
	Item no.: 769-113/000-038 1-conductor female plug; 4 mm²; 13-pole	769-113 /000-038
	Item no.: 769-113/000-039 1-conductor female plug; 4 mm²; 13-pole	769-113 /000-039
	Item no.: 769-113/021-000 1-conductor female plug; Locking lever; 4 mm²; 13-pole	769-113 /021-000
	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.: 769-1292-conductor female connector; 4 mm²; 9-pole

769-129

Item no.: 769-1302-conductor female connector; 4 mm²; 10-pole

769-130

Item no.: 769-1312-conductor female connector; 4 mm²; 11-pole

769-131

Item no.: 769-1322-conductor female connector; 4 mm²; 12-pole

769-132

Item no.: 769-1332-conductor female connector; 4 mm²; 13-pole

769-133

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Documentation

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