



Female connector; with integrated push-buttons; 10-pole; Pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable

Item No.: 2734-110



Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	2734-110
GTIN / EAN	4045454696375
Content	1

Notes

Item description: Universal connection for all conductor types Easy-to-use design does not require special tools Ability to wire while mated Simple, push-in termination of solid and ferruled stranded conductors Integrated test ports for testing parallel to conductor entry 100% protected against mismatching Coding option available Safety information 1: The MULTI CONNECTION SYSTEM (MCS) is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Technical data

Miscellaneous

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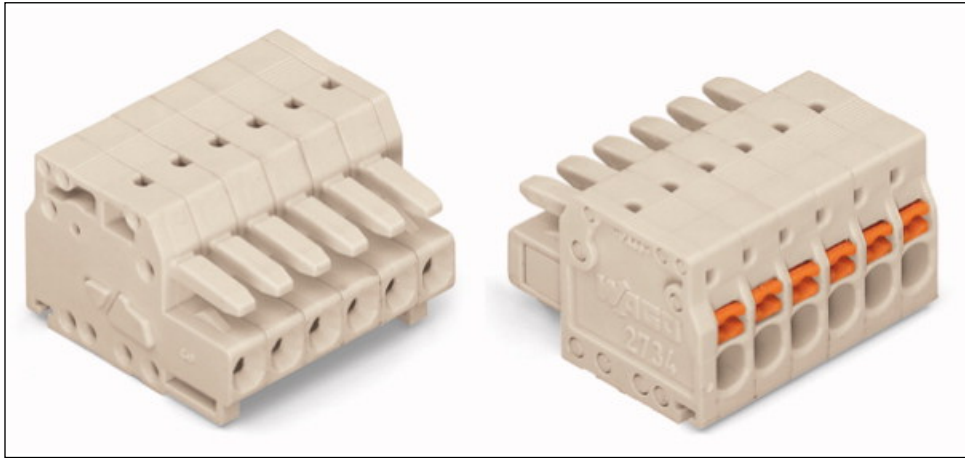
Technical data	
<i>Other versions (or variants) can be requested</i>	<i>Other pole numbers</i>
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>160 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (III/2) [V]</i>	<i>160 [V]</i>
<i>Rated impulse voltage (III / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated voltage (II / 2) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (II / 2) [kV]</i>	<i>2.5 [kV]</i>
<i>Rated current [A]</i>	<i>10 [A]</i>
<i>Legend (ratings)</i>	<i>(III / 2) Overvoltage category III / Pollution degree 2</i>
<i>Approvals per</i>	<i>UL 1059</i>
<i>Rated voltage UL (Use Group B) [V]</i>	<i>300 [V]</i>
<i>Rated current UL (Use Group B) [A]</i>	<i>10 [A]</i>
<i>Rated voltage UL (Use Group D) [V]</i>	<i>300 [V]</i>
<i>Rated current UL (Use Group D) [A]</i>	<i>10 [A]</i>
<i>Rated voltage CSA (Use Group B) [V]</i>	<i>300 [V]</i>
<i>Rated current CSA (Use Group B) [A]</i>	<i>10 [A]</i>
<i>Rated voltage CSA (Use Group D) [V]</i>	<i>300 [V]</i>
<i>Rated current CSA (Use Group D) [A]</i>	<i>10 [A]</i>
<i>No. of poles</i>	<i>10</i>
<i>Total number of connection points</i>	<i>10</i>
<i>Total number of potentials</i>	<i>10</i>
<i>Number of connection types</i>	<i>1</i>
<i>Number of levels</i>	<i>1</i>
<i>Connection technology</i>	<i>Push-in CAGE CLAMP®</i>
<i>Actuation type</i>	<i>Operating lever</i>
<i>Solid conductor</i>	<i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i>
<i>Fine-stranded conductor</i>	<i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i>
<i>Fine-stranded conductor with ferrule with plastic collar</i>	<i>0.25 ... 0.75 mm²</i>
<i>Fine-stranded conductor with ferrule without plastic collar</i>	<i>0.25 ... 1.5 mm²</i>
<i>Strip length</i>	<i>8 ... 9 mm / 0.31 ... 0.35 Inch</i>
<i>Pin spacing</i>	<i>3.5 mm (0.138 in)</i>

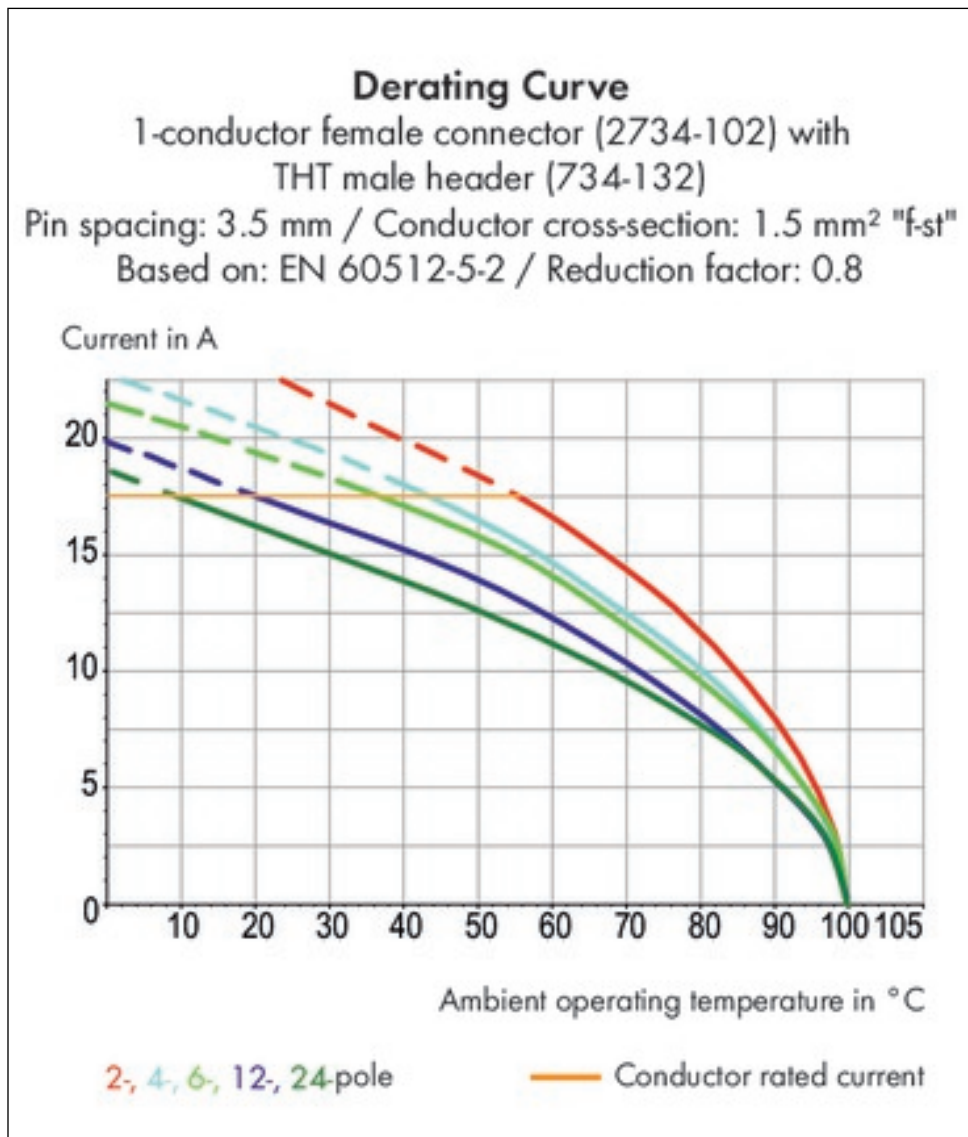
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Technical data	
<i>Width</i>	<i>37.1 mm / 1.461 Inch</i>
<i>Height</i>	<i>13.5 mm / 0.531 Inch</i>
<i>Depth</i>	<i>20.4 mm / 0.803 Inch</i>
<i>Contact type (pluggable connector)</i>	<i>Female connector/socket</i>
<i>Connector connection type</i>	<i>for conductors</i>
<i>Mismatching protection</i>	<i>ja</i>
<i>Color</i>	<i>light gray</i>
<i>Material group</i>	<i>I</i>
<i>Insulating material</i>	<i>Polyamide 66 (PA 66)</i>
<i>Flammability class per UL94</i>	<i>V0</i>
<i>Clamping spring material</i>	<i>Chrome nickel spring steel (CrNi)</i>
<i>Contact material</i>	<i>Copper alloy</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.166 [MJ]</i>
<i>Weight [g]</i>	<i>8.638 [g]</i>
<i>Limit temperature range</i>	<i>-60 ... 100 °C</i>
<i>Pin spacing from [in]</i>	<i>0.138 [in]</i>
<i>Pin spacing from [mm]</i>	<i>3.5 [mm]</i>
<i>Contact type</i>	<i>Female connector/socket; for conductors</i>
<i>Product Family</i>	<i>MCS MINI</i>
<i>Main product function</i>	<i>Female connector/socket</i>
<i>Product type</i>	<i>Pluggable PCB connectors</i>

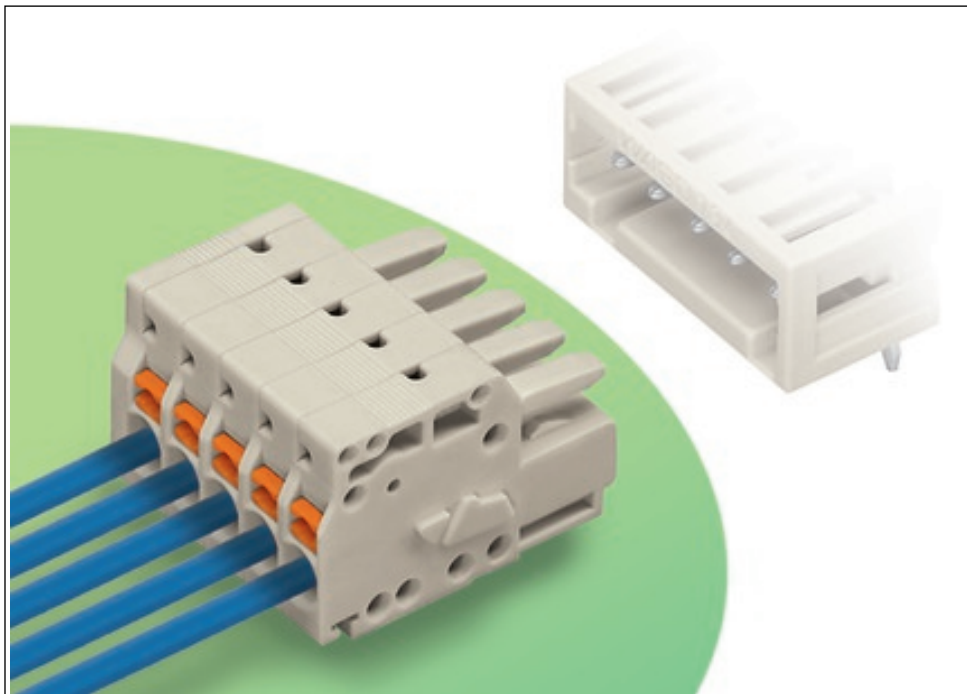
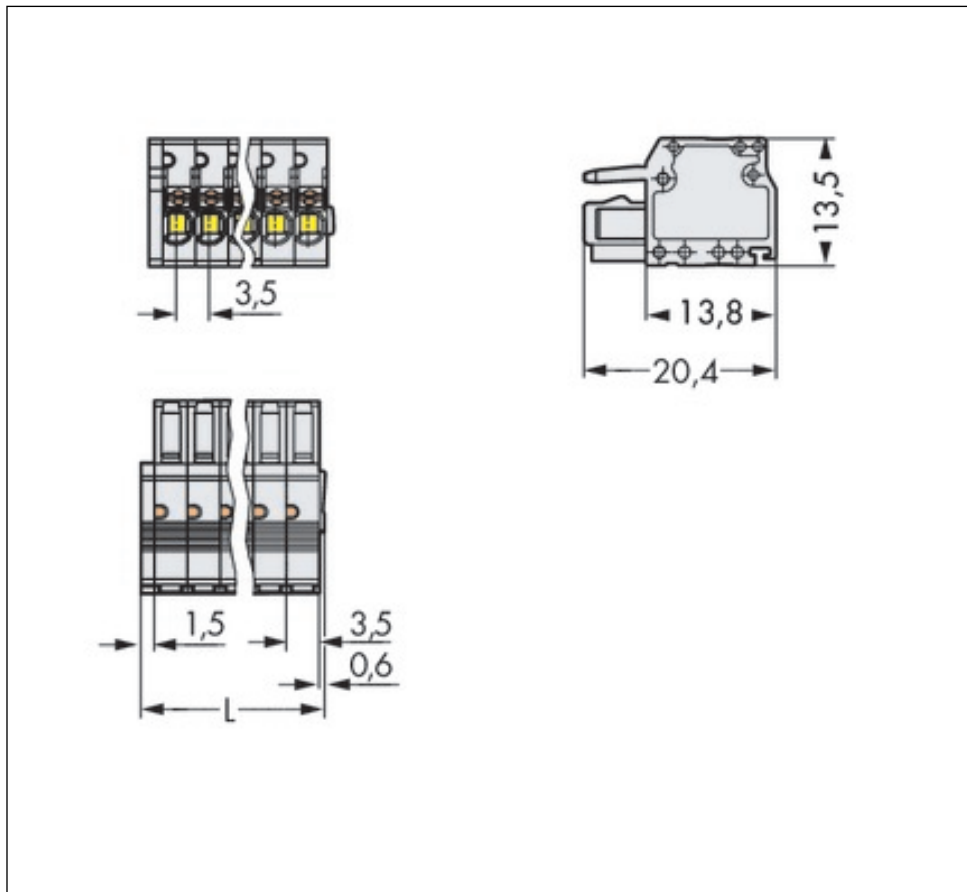
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Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.