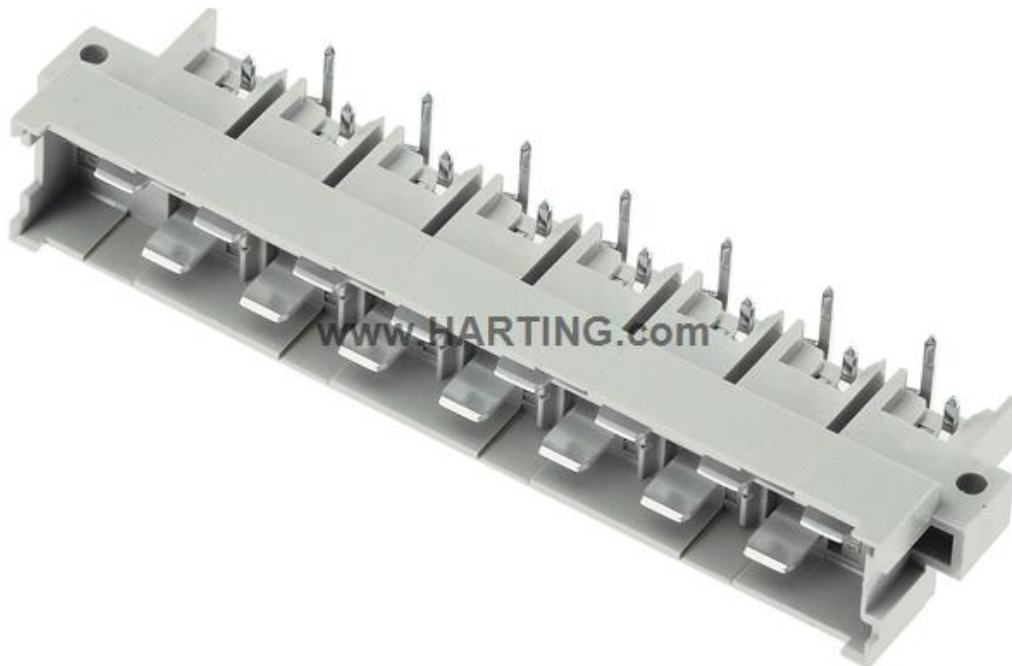


**DIN 41612****DIN-Power H015MS-3,2C1-1 (NFF)**

Connectors, Male connector, Wave soldering termination, Rated current: 15 A, Contacts: 15, Angled, Copper alloy, Silver plated, Termination side, Sn over Ni, Termination side, Performance level: 1, acc. to IEC 60603-2, Coding: Shroud coding, D20 coding, PCB fixing: With fixing flange, Thermoplastic resin, glass-fibre filled, Grey

Part number: **09 06 115 2911 222**

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## Technical data

### Identification

Category	Connectors
Series	DIN 41612
Identification	Type H15
Element	Male connector
Description of the contact	Angled

### Version

Termination method	Wave soldering termination
Connection type	Motherboard to daughtercard
	PCB to cable
Number of contacts	15
Contact configuration	Row d, positions 6, 10, ... , 26, 30 and row z, positions 4, 8, ... , 28, 32
Coding	Shroud coding
	D20 coding
Performance level	1
	acc. to IEC 60603-2
PCB fixing	With fixing flange

### Technical characteristics

Contact spacing (termination side)	5.08 mm
Contact spacing (mating side)	6.5 mm
	10.16 mm

<b>Rated current</b>	<b>15 A</b>
<b>Clearance distance</b>	<b>≥ 4.5 mm</b>
<b>Creepage distance</b>	<b>≥ 8 mm</b>
<b>Insulation resistance</b>	<b>&gt;10<sup>11</sup> Ω</b>
<b>Contact resistance</b>	<b>≤ 8 mΩ</b>
<b>Limiting temperature</b>	<b>-55 ... +125 °C</b>
<b>Insertion and withdrawal force</b>	<b>≤ 90 N</b>
<b>Mating cycles</b>	<b>≥ 500</b>
<b>Test voltage U<sub>r.m.s.</sub></b>	<b>3.1 kV</b>
<b>Isolation group</b>	<b>IIIa (175 ≤ CTI &lt; 400)</b>
<b>Hot plugging</b>	<b>No</b>

### Material properties

<b>Material (insert)</b>	<b>Thermoplastic resin, glass-fibre filled</b>
<b>Colour (insert)</b>	<b>Grey</b>
<b>Material (contacts)</b>	<b>Copper alloy</b>
<b>Surface (contacts)</b>	<b>Silver plated Termination side</b>
	<b>Sn over Ni Termination side</b>
<b>Material flammability class acc. to UL 94</b>	<b>V-0</b>
<b>RoHS</b>	<b>compliant</b>
<b>ELV status</b>	<b>compliant</b>
<b>China RoHS</b>	<b>e</b>
<b>REACH Annex XVII substances</b>	<b>No</b>
<b>REACH ANNEX XIV substances</b>	<b>No</b>
<b>REACH SVHC substances</b>	<b>No</b>

### Specifications and approvals

<b>Specifications</b>	<b>IEC 60603-2</b>
<b>UL / CSA</b>	<b>UL 1977 ECBT2.E102079</b>
	<b>CSA-C22.2 No. 182.3 ECBT8.E102079</b>
<b>Railway classification</b>	<b>F1/I2 acc. to NFF 16-101/102</b>

### Commercial data

<b>Packaging size</b>	<b>20</b>
<b>Net weight</b>	<b>31.36 g</b>
<b>Country of origin</b>	<b>Romania</b>
<b>European customs tariff number</b>	<b>85366990</b>
<b>eCl@ss</b>	<b>27440402 PCB connector</b>

### Alternatives



#### Type H15

#### Type H15

**DIN-Power H015MS-3,2C1-1**

**DIN-Power H015MS-3,2C1-1-V1**

**DII**

09 06 115 2911

09 06 115 2932

### Combinables



**Type H15**

**Type H15**

**DIN-Power H015FP-3,6C1-1-7,62-NFF**

**DIN-Power H015FTC1-1-NFF**

09 06 215 2856 222

09 06 215 2871 222

**Accessories**



**Accessories**

**DIN-Signal solder protection cap**

09 02 000 9935

**Products frequently purchased together**



**Low profile**

**Type E**

**Low-profile**

**type r**

**SEK-18 SV MA LP STR29 10P PL2**

**DIN-Power F048MS-3,0C1-2-NFF**

09 18 510 6324

09 06 148 6901 222

