

# DIN-Signal high current FC 20A crimp



Part number	09 03 000 6220
Specification	DIN-Signal high current FC 20A crimp
HARTING eCatalogue	https://b2b.harting.com/09030006220

Image is for illustration purposes only. Please refer to product description.

## Identification

Category	Contacts
Series	DIN 41612
Type of contact	Crimp contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M
	DIN 41612 Type MH 21+5 DIN 41612 Bauform M 0+2

#### Version

Gender	Female contact for female connectors
Manufacturing process	Turned contacts

### Technical characteristics

Conductor cross-section	2.5 mm <sup>2</sup>
Conductor cross-section	AWG 14
Operating current	≤20 A
Performance level	1
Mating cycles	≥500

# Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight

Page 1 / 3 | Creation date 2022-01-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



## Material properties

ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	339476a1-86ba-49e9-ab4b-cd336420d72a
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

## Specifications and approvals

|--|

### Commercial data

Packaging size	100
Net weight	1.77 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440204 Contact for industrial connectors



#### Current carrying capacity

60512-5-2

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC

