

# DIN Signal female contact 40A angled



-	
Part number	09 03 000 6207
Specification	DIN Signal female contact 40A angled
HARTING eCatalogue	https://harting.com/09030006207

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

#### Identification

Category	Contacts
Series	DIN 41612
Type of contact	PCB solder contact
Description of the contact	Angled
Contacts for	DIN 41612 Type M invers

## Version

Termination method	Solder termination
Gender	Female contact for female connectors
Connection type	Motherboard to daughtercard Mezzanine Extender card PCB to cable
Manufacturing process	Turned contacts

#### **Technical characteristics**

Rated current	≤40 A
Insertion force	≤10 N
Withdrawal force	≥1.6 N
Performance level	1
Mating cycles	≥500
Material properties	
Material (contacts)	Copper alloy

Page 1 / 3 | Creation date 2025-02-07 | 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

Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
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	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

# Specifications and approvals

Specifications	DIN 41626
Commercial data	
Packaging size	20
Net weight	3.304 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140004061
ETIM	EC000796
eCl@ss	27440204 Contact for industrial connectors

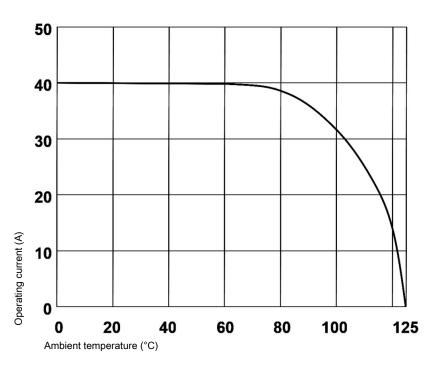
Page 2 / 3 | Creation date 2025-02-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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 Product data sheet 09 03 000 6207 DIN Signal female contact 40A angled



#### Current carrying capacity

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 (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



Page 3 / 3 | Creation date 2025-02-07 | 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