

## Han E HMC female contact Au AWG 12



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 200 6221                                                                |
| Specification      | Han E HMC female contact Au AWG 12                                            |
| HARTING eCatalogue | <a href="https://harting.com/09332006221">https://harting.com/09332006221</a> |

### Identification

|                 |                        |
|-----------------|------------------------|
| Category        | Contacts               |
| Series          | Han E <sup>®</sup> HMC |
| Type of contact | Crimp contact          |

### Version

|                        |                   |
|------------------------|-------------------|
| Termination method     | Crimp termination |
| Gender                 | Female            |
| Contact identification | No groove         |
| Manufacturing process  | Turned contacts   |

### Technical characteristics

|                                            |                                         |
|--------------------------------------------|-----------------------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 4 mm <sup>2</sup>                       |
| Conductor cross-section (AWG)              | AWG 12                                  |
| Rated current                              | ≤16 A                                   |
| Contact resistance                         | ≤1 mΩ                                   |
| Stripping length                           | 7.5 mm                                  |
| Mating cycles                              | ≥10,000                                 |
| Note on the mating cycles                  | Mating cycles with other HMC components |

### Material properties

|                     |                          |
|---------------------|--------------------------|
| Material (contacts) | Copper alloy             |
| Surface (contacts)  | HMC gold plated          |
| RoHS                | compliant with exemption |



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## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| 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                     | b51e5b97-eeb5-438b-8538-f1771d43c17d                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead                                                   |
|                                      | Nickel                                                 |

## Specifications and approvals

|                |             |
|----------------|-------------|
| Specifications | IEC 60664-1 |
|                | IEC 61984   |

## Commercial data

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Packaging size                 | 100                                        |
| Net weight                     | 1 g                                        |
| Country of origin              | Germany                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140052444                              |
| eCl@ss                         | 27440204 Contact for industrial connectors |
| ETIM                           | EC000796                                   |
| UNSPSC 24.0                    | 39121522                                   |