

## Circular Connector w. Harax 7/8" L 5 F



Part number	21 04 116 2505
Specification	Circular Connector w. Harax 7/8" L 5 F
HARTING eCatalogue	<a href="https://b2b.harting.com/21041162505">https://b2b.harting.com/21041162505</a>

### Identification

Category	Connector
Series	Circular connectors 7/8"
Element	Cable connector
Specification	Straight

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	5

### Technical characteristics

Conductor cross-section	0.75 ... 1.5 mm <sup>2</sup>
Conductor cross-section	AWG 18 ... AWG 16
Wire outer diameter	≤2.8 mm
Rated current	10 A
Rated voltage conductor-earth	230 V
Rated voltage conductor-conductor	400 V
Rated impulse voltage	4.8 kV
Pollution degree	3
Insulation resistance	> 10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C



Pushing Performance

## Technical characteristics

Tightening torque	1.5 Nm
Wrench size	A/F 22 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	6.8 ... 12.5 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Polyamide TPU
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide Zinc die-cast TPU
RoHS	compliant with exemption
RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

## Commercial data

Packaging size	1
Net weight	92.9 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)