

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



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

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

Identification

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

Version

Termination method	HARAX [®] connection technology
Gender	Female
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	5

Technical characteristics

Conductor cross-section	0.75 ... 1.5 mm ²
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
Overvoltage category	III
Insulation resistance	>10 ⁸ Ω



Pushing Performance

Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	1.5 Nm
Wrench size (knurled screw / knurled nut)	22
Ambient temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	6.8 ... 12.5 mm
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA) Thermoplastic polyurethane (TPU)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide (PA) Zinc die-cast Thermoplastic polyurethane (TPU)
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ba9f6f96-3ce5-4eaf-9782-1859ca585f85

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)