Pushing Performance

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
Shielding	Unshielded
Number of contacts	5
Locking type	Screw locking

Technical characteristics

Conductor cross-section	0.75 ... 1.5 mm²
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

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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)	Au over Ni Mating side
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ba9f6f96-3ce5-4eaf-9782-1859ca585f85
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

Commercial data

Packaging size	1
Net weight	83 g
Country of origin	Germany
European customs tariff number	85366990

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eCl@ss	27440102 Circular connector (for field assembly)

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