

M12 Cat6A receptacle angl. female front



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|--------------------|---|
| Part number | 21 03 381 4810 |
| Specification | M12 Cat6A receptacle angl. female front |
| HARTING eCatalogue | https://b2b.harting.com/21033814810 |

Identification

| | |
|---------------|---|
| Category | Connectors |
| Series | Circular connectors M12 |
| Element | PCB adapter |
| Specification | Angled incl. housing for front mounting |

Version

| | |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender | Female |
| Locking type | Screw locking PushPull |
| Shielding | Shielded |
| Number of contacts | 8 |
| Coding | X-coding |

Technical characteristics

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|-----------------------|---------------------------|
| Rated current | 0.5 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Ambient temperature | -40 ... +85 °C |
| Tightening torque | 2 Nm Lock nut |



Pushing Performance

Technical characteristics

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| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Transmission characteristics | Cat. 6A Class E _A up to 500 MHz |
| Overvoltage category | III |
| Isolation group | I (600 ≤ CTI) |

Material properties

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|-----------------------------|--|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Gold plated |
| Material (hood/housing) | Zinc die-cast |
| 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 |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-2-109 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|------------------------|
| Packaging size | 1 |
| Net weight | 28.2 g |
| Country of origin | Romania |
| European customs tariff number | 85389099 |
| eCl@ss | 27440402 PCB connector |