

MATE-AX

Miniaturized Automotive Terminals for Coax (4 positions, *unsealed*)

A vehicle's weight can be reduced by using lighter or less material, thus improving fuel efficiency and therefore reducing CO₂ emissions. One tactic for using less material in a vehicle is to miniaturize its components.

Our mini coax connectors and headers are designed for tight spaces and higher RF-performance to meet the evolving challenges and requirements of the automotive industry. These robust and compact products are available in various keyings and for different environmental conditions. The terminals are designed to use existing wire types like RTK031 and RG174.

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KEY FEATURES

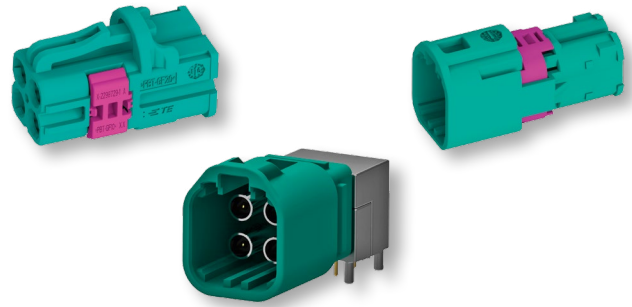
- Package saving design
- Designed for existing wire types RTK031 & RG174
- The same terminal can be used for sealed and unsealed applications
- RF-performance up to 20Ghz ^{*)}

PACKAGING

- Terminal sub components: all delivered on reel for easy coax harness assembly build up.
- Headers: Tape & Reel packaging to support automated pick and place processing used by device manufacturers

ADDED VALUE

- TE Connectivity as system/interface supplier on device and harness side
- High quality level ensured by automated production and EOL processes



Applications

- Antenna Connection
- ADAS Cameras
- Combi Instrument Connection
- Digital Tuner Video/ Audio
- Display Connections
- Rear Seat Entertainment
- Telematic Control Units
- Head Up Display

Standards and Specifications

INLINE CONNECTION

Product Specification:

108-94515

Application Specification:

114-94413

HEADER

Product Specification:

108-94544

Application Specification:

114-94443

*) related to a specific specification

Product Offering

Position	Description	Gender	Key	PN	Housing Material	Mating PN
4pos	Unsealed Housing	Socket	A	2298721-1	PBT-GF20	2298724-1
			B	2298721-2		2298724-2
		Pin	A	2298724-1		2298721-1
			B	2298724-2		2298721-2

Position	Description	Gender	Outer contact		Ferrule		Center Contact	
			PN	Contact Materials	PN	Contact Materials	PN	Contact Materials
Terminal	RTK 031	Socket	2298116-1	Bronze (+ PBT)	2298126-1	Stainless Steel	2298121-1	Bronze
	RG174		2298494-1		2298509-1		2298496-1	
	RTK 031	Pin	2298123-1		2298126-1		2298125-1	
	RG174		2298506-1		2298509-1		2298508-1	

Position	Description	Direction	Key	PN	Housing Material	Mating PN
4pos	Unsealed Header	90 deg	A	2304168-1	Die-cast & PA6T/XT-GF35	2298721-1
			B	2304168-2		2298721-2



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For further information please go to:
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