

Transponder ATEX

Square TAG

PART ID:

3029-01-324-00

Overmolded Square Metal Tag is designed with two universal holes for applications that require an RFID tag which can be screwed tightly on the metallic object.

Main Specifications

Material	Polyamid
Operating Temperature	-40°C to 60°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, ON-Metal Use, Heat Tolerant, Versatile, High Durability
Options	Laser Engraving, Pad Printing



Chip Specification (Chip 324)

Chip	NXP - UCODE 8
Frequency	860~960MHz (UHF)
Memory	TID 96 Bit; EPC 128 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

Full Specifications

Product ID	3029
Atex	yes
On Metal Use	yes
Material	Polyamid
Shape	Overmolded
Short Description	Overmolded Square Metal Tag is designed with two universal holes for applications that require an RFID tag which can be screwed tightly on the metallic object.
Long Description	Overmolded Square Metal Tag is designed with two universal holes for applications that require an RFID tag which can be screwed tightly on the metallic object.
Key Features	Rough Environment, ON-Metal Use, Heat Tolerant, Versatile, High Durability
Options	Laser Engraving, Pad Printing
Article Type	Square TAG
Color	Black

©TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.

Where application information is given, it is only advisory and does not form part of the specification.

Length [mm]	52.6
Width [mm]	43.6
Thickness [mm]	11.2
Weight [g]	26
Hole	yes
Operating Temp °C (min)	-40
Operating Temp °C (max)	60
Storage Temp °C (min)	-40
Storage Temp °C (max)	60
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Screw/Rivet
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3029-01-349-00	52.6x43.6x11.2mm	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2
3029-01-324-00	52.6x43.6x11.2mm	UHF	UCODE 8	ISO 18000-6C / EPC Gen2 V2