



Main

Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	Keyring
Memory capacity	112 B
Associated smart antenna	XGCS
[Sn] nominal sensing distance	1.18 in (30 mm) XGCS49 1.38 in (35 mm) XGCS89 1.38 in (35 mm) XGCS85
Outer dimension	40 x 31 x 4.8 mm
Quantity per set	Set of 10
IP degree of protection	IP67
Fixing mode	Steel ring

Complementary

Memory type	EEPROM
Memory operation	Read/write
Number of read cycles	Unlimited
Number of write cycles	100000 -13...176 °F (-25...80 °C)
Data retention time	10 year(s)
Material	PC (polycarbonate)
Net weight	0.01 lb(US) (0.005 kg)

Environment

Standards	ISO 15693
Ambient air temperature for operation	23...176 °F (-5...80 °C)
Ambient air temperature for storage	-13...176 °F (-25...80 °C)
Vibration resistance	2 mm 5...29.5 Hz)EN 60068-2-6 7 gn 29.5...150 Hz)EN 60068-2-6
Shock resistance	30 gn 11 ms EN 60068-2-27

IK degree of protection	IK02 EN 50102
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.18 oz (5 g)
Package 1 Height	0.39 in (1 cm)
Package 1 width	3.15 in (8 cm)
Package 1 Length	3.94 in (10 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	10
Package 2 Weight	2.12 oz (60 g)
Package 2 Height	2.76 in (7 cm)
Package 2 width	1.18 in (3 cm)
Package 2 Length	4.72 in (12 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	26.95 oz (764 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes

Dimensions

mm
in.

