XGHB320345
RFID electronic tag - 13.56 MHz - disc Ø 30 x 3 - 112 Bytes

Green Premium™

Main

Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	Disc
Memory capacity	112 B
Associated smart antenna	XGCS
[Sn] nominal sensing distance	1.65 in (42 mm) XGCS49 + field expander XGFEC540 1.89 in (48 mm) XGCS49 2.56 in (65 mm) XGCS89 3.15 in (80 mm) XGCS49 + field expander XGFEC2525 2.56 in (65 mm) XGCS85
Outer dimension	Ø 30 x 3 mm
Quantity per set	Set of 5
Read time	12 + 0.825 x (number of 16-bit words) ms
Write time	12 + 5.6 x (number of 16-bit words) ms
IP degree of protection	IP68
Fixing mode	By screws

Complementary

Memory type	EEPROM
Memory operation	Read/write
Number of read cycles	Unlimited
Number of write cycles	2500000 86 °F (30 °C) 100000 -13…185 °F (-25…85 °C)
Maximum linear speed with "auto read/write function"	10.17 ft/s (3.1 m/s) XGCS49 read a serial number) 4.59 ft/s (1.4 m/s) XGCS49 read a word) 2.30 ft/s (0.7 m/s) XGCS49 read or write 10 words) 19.03 ft/s (5.8 m/s) XGCS89 read a serial number)

8.86 ft/s (2.7 m/s) XGCS89 read a word)
2.95 ft/s (0.9 m/s) XGCS89 read or write 10 words)
19.03 ft/s (5.8 m/s) XGCS85 read a serial number)
8.86 ft/s (2.7 m/s) XGCS85 read a word)
2.95 ft/s (0.9 m/s) XGCS85 read or write 10 words)

Data retention time	10 year(s)
Material	PPA (polyphthalamide)
Net weight	0.01 lb(US) (0.005 kg)

Environment

Standards	ISO 15693
Ambient air temperature for operation	-13…185 °F (-25…85 °C)
Ambient air temperature for storage	-40…194 °F (-40…90 °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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.14 oz (4 g)
Package 1 Height	2.36 in (6 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	3.94 in (10 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	0.71 oz (20 g)
Package 2 Height	3.54 in (9 cm)
Package 2 width	2.36 in (6 cm)
Package 2 Length	3.94 in (10 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	250
Package 3 Weight	2.24 lb(US) (1.016 kg)
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

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months