

TECH FOR SAFETY

BlueSupra™

Supra Digital Chips



BlueSupraTM

Supra Digital Chips



go digital!



TECH FOR SAFETY



NFC Enabled

SupraNano, Embedded Digital Chip, the way to digitalization

SupraNano is the newest Digital Chip easily fitted into your product, ensuring optimal user experience, wherever and whenever people encounter NFC interactions.

The SupraNano can be easily embedded, readable in steel, ensuring readability in most applications. It is now the simplest way to digitalise product with RiConnect or any other 3rd party software, engage the user, streamline tasks, and make our working lives much safer and more productive. Along with the other Digital Chips, there is a now a solution for every application.

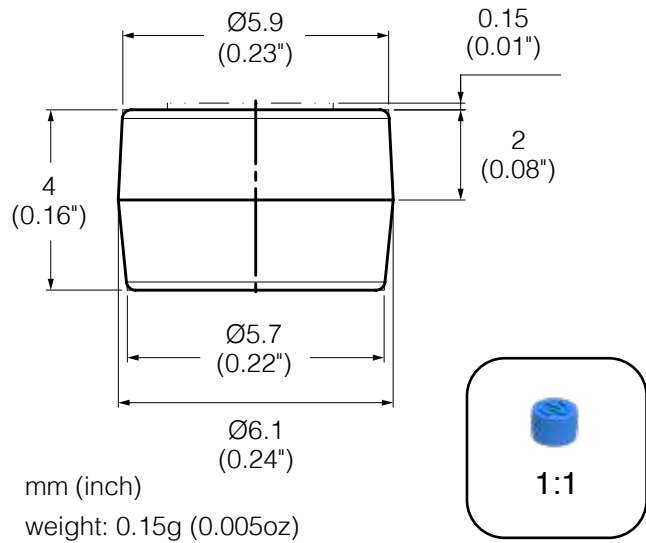
If you, your inspector, and your customers are seeking to access product information, EC Declarations of Conformity (or Declaration of Conformity or Certificate of Conformance)/ Reports of Thorough Examination, User Instructions, Maintenance and Pre-Use check step by step documents, it's as simple as tapping the SupraNano with your mobile device, using the free to user RiConnectAPP. What is even more amazing is that the SupraNano can be used with any other 3rd party APP or software, making it one of the most open solutions available today in the Digital Chip/NFC field. SupraNano NFC offers new efficiencies and a safer operating environment.

Just tap the SupraNano and be the first user to experience the power of NFC.

Tech for Safety!

Item No. 13227 SupraNano

Embedded Digital Chip



mm (inch)
weight: 0.15g (0.005oz)



Patent Number

- » Taiwan Patent: M573545
- » China Patent: ZL 201821589819.6
- » Japan Patent: 3219858
- » United States Patent: 10607128

- » German Patent: 602018032891.2
- » Italy Patent: 3627396
- » UK Patent: 10607128

- » Taiwan Patent: 1638765
- » China Patent: ZL 2017 1 0821524.0
- » United States Patent: 10235617

Features:

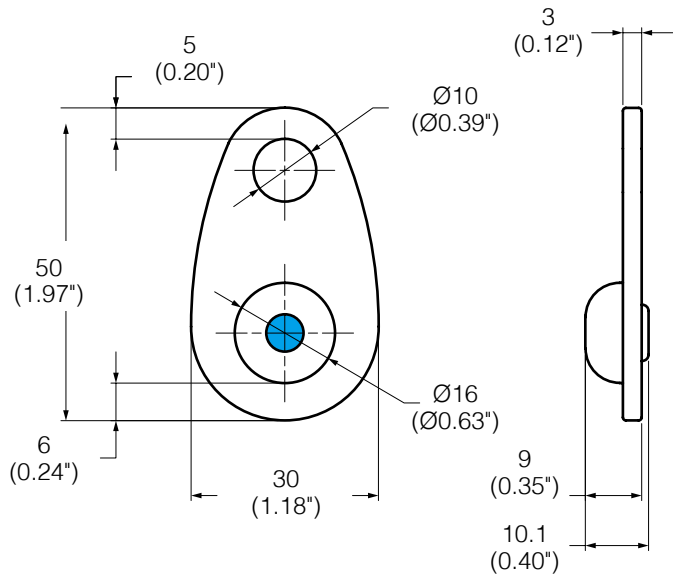
- NFC enabled mobile device or smart phone (iOS 14 or greater required/ Android 12 or greater required) can be used as reader.
- Patents in several countries.
- By using the Supra Digital Chips with a third-party asset management application to achieve product traceability, manufacturer authentication and digitized product information.

Functionality	
RF Protocol	ISO 15693
Operating Frequency	HF - 13.56 MHz
Memory Configuration	16 Character UID, 2000 bits User
R/W Capability	Read / Write
Performance	
Read Range	Maximum to 5 mm [0.2"]
Quality Guarantee	100 %
Orientation	Front Face Read
IP Rating	IP68
Physical	
Quality Guarantee	PA 6 + 30 GF
Mounting System	Universal Use
Color	Turquoise Blue
Operational	
Max Temperature Exposure	125 °C / 257 °F
Min Temperature Exposure	-30 °C / -22 °F
Continuous Max Service Temperature	125 °C / 257 °F
Continuous Min Service Temperature	-30 °C / -22 °F
Water and Ice Proof	Yes



Item No. 13243 SupraTag

universal use



mm (inch)
weight: 33g (1.16oz)

Patent Number

- » United States Patent: 10235617
- » Japan Patent: 3219858

- » United States Patent: 10607128
- » Japan Patent: 3220091



NFC Enabled

Functionality

RF Protocol	ISO 15693
Operating Frequency	HF - 13.56 MHz
Memory Configuration	16 Character UID, 2000 bits User
R/W Capability	Read / Write

Performance

Read Range	Maximum to 5 mm (0.2")
Quality Guarantee	100 %
Orientation	Front Face Read
IP Rating	IP68

Physical

Quality Guarantee	PA 6 + 30 GF
Mounting System	Universal Use
Color	Tag : Turquoise Blue Plate & Housing : Polished

Operational

Max Temperature Exposure	125 °C / 257 °F
Min Temperature Exposure	-30 °C / -22 °F
Continuous Max Service Temperature	125 °C / 257 °F
Continuous Min Service Temperature	-30 °C / -22 °F
Water and Ice Proof	Yes

Supra Series, Robust Digital Chips

The use of plastic Digital Chips in a severe offshore working environment can lead to the loss or corruption of data, especially when the plastic chip is subject to continuous impact damage, UV from sunlight, corrosion, oil pollution and other mechanical damage experienced when working in challenging conditions.

The application of the Supra Series can avoid this risk.

Features:

- NFC enabled mobile device or smart phone (iOS 14 or greater required/ Android 12 or greater required) can be used as reader.
- Corrosion resistant stainless steel.
- Meet the requirement of US Military Standard MIL-STD-810H.
- Meet IK10 impact protection level.
- Meet Highest IP68 rating of dust and water resistance.
- Unique design of proprietary wafer-antenna chip construction.
- Patents in several countries.
- By using the Supra Digital Chips with a third-party asset management application to achieve product traceability, manufacturer authentication and digitized product information.

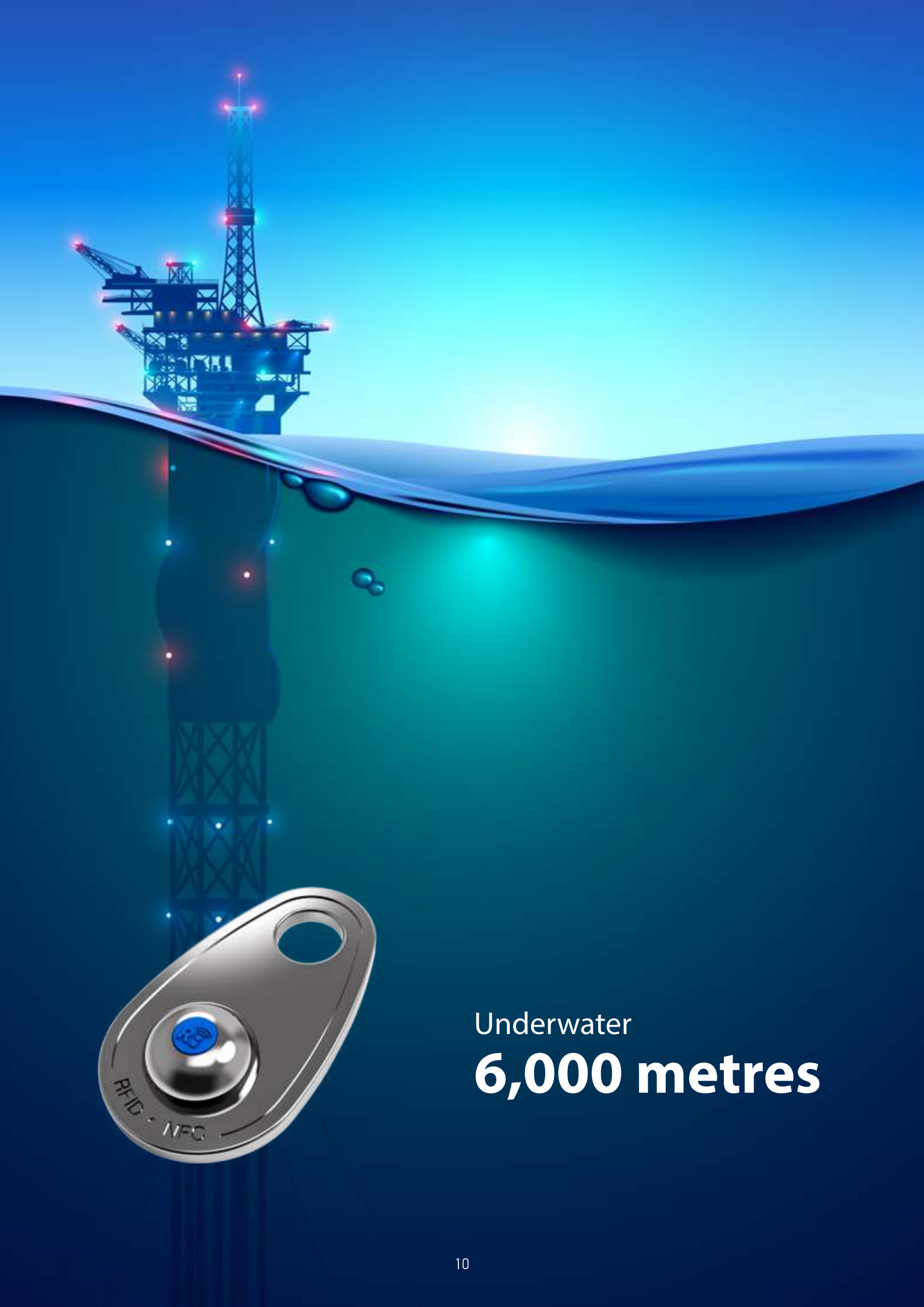


**SupraTag
Compliance**

Compliant



NFC Enabled



Underwater
6,000 metres

No other digital product goes deeper!

Many try to overcome the challenges of working at depths of upto 6,000 metres, now the SupraTag can meet this demand. Moments after submersion of the ROV Hook, ROV Shackle or SupraTag can be scanned and read in a single click for pre use and post use operations, safe use instructions and asset management. Ensuring there is no higher safety available to the operator, reducing downtime which is vital to the ROV pilot.



Compliant





SupraATEX Intro.

YOKE SupraATEX tags can be used in all areas in which potentially explosive atmospheres such as dust or gas occur, and serve to improve the safety and health of workers who may be exposed to these explosive situations.

ATEX stands for the French abbreviation "ATmospheres EXplosibles" and consists of two EU directives describing what equipment and work environment is allowed in an environment with an explosive atmosphere.

According to these directives, only devices, systems and components which fulfil the ATEX product directives may be used in potentially explosive areas. These directives contain the basic safety requirements that must be adhered to and verified by means of the relevant conformity declarations.

YOKE SupraATEX products with ATEX, IECEx and UKEx certifications are suitable for use in Zone 2/22 explosive atmospheres, with these standards accepted in most regions worldwide.

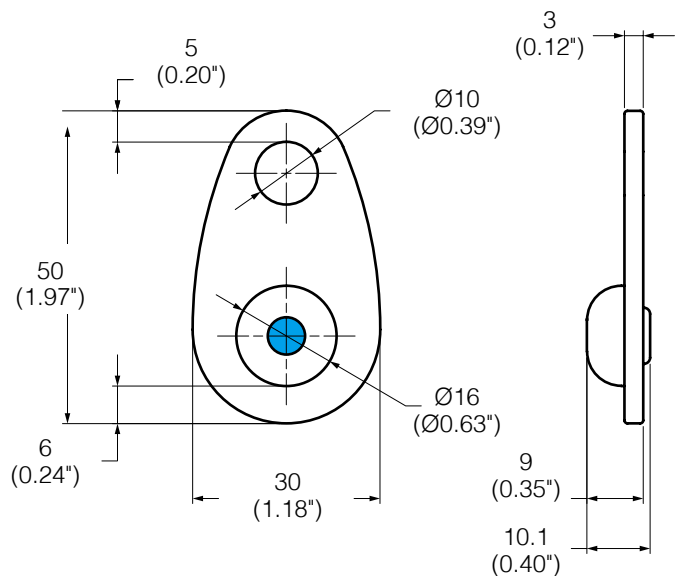
SupraATEX Certified by



II 2GD Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

Item No. 13241 SupraATEX

universal use



mm (inch)
weight: 33g (1.16oz)



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Operational

Max Temperature Exposure	85 °C / 185 °F
Min Temperature Exposure	-40 °C / -40 °F

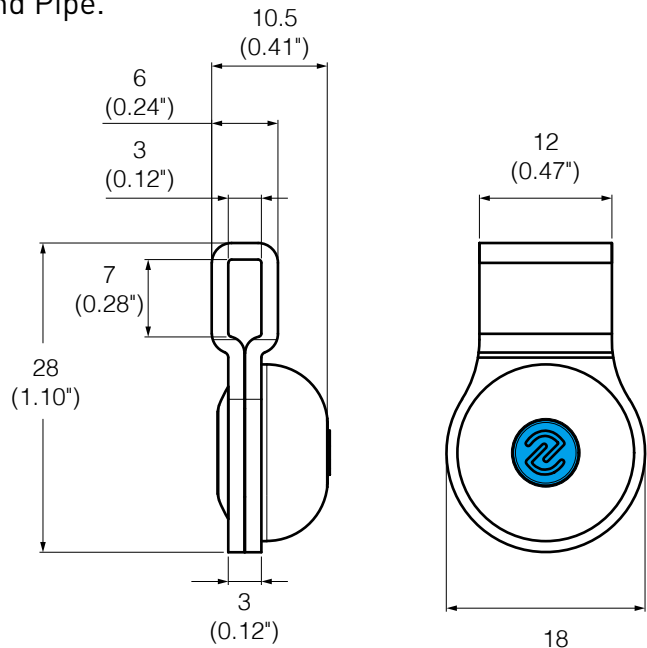
Storage

Max Temperature Exposure	150 °C / 302 °F
Min Temperature Exposure	-65 °C / -85 °F
Water and Ice Proof	Yes



Item No. 13271 SupraDC 271

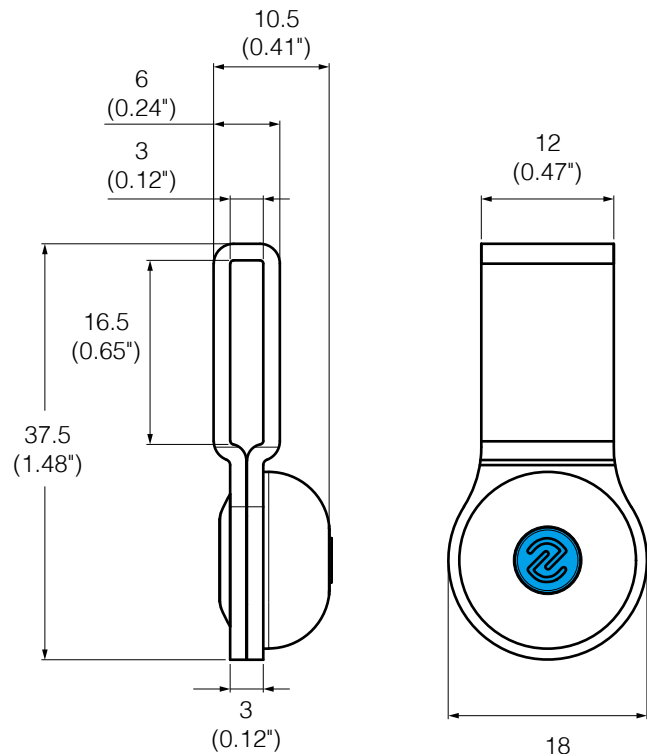
Application: Hydraulic hose , Chemical hose and Pipe.



mm (inch)
weight: 16g (0.56oz)

Item No. 13273 SupraDC 273

Application: Industrial & Chemical Hose; Pipe.

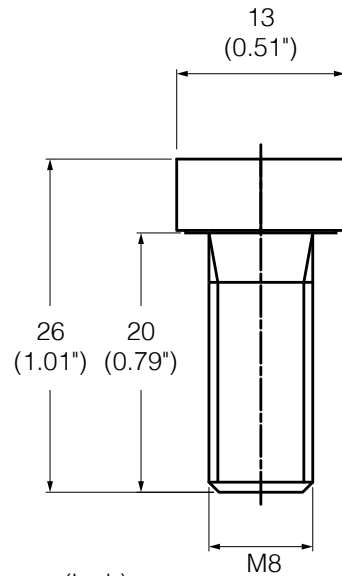


mm (inch)
weight: 20g (0.71oz)



Item No. 13226 SupraDC 226

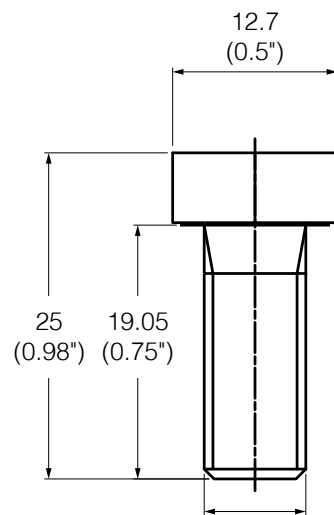
Metric Thread



mm (inch)
weight: 10.6g (0.37oz)

Item No. 13228 SupraDC 228

UNC Thread

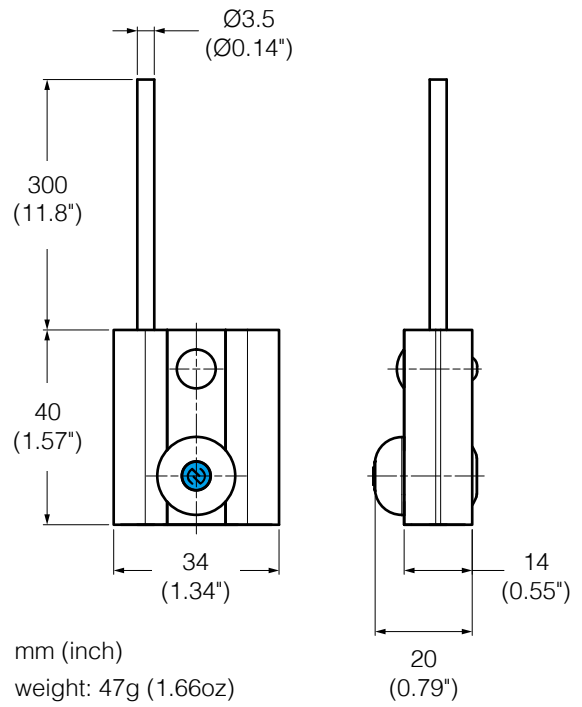


5/16 - 18UNC
mm (inch)
weight: 10.4g (0.36oz)



Item No. 13282 SupraDC 282

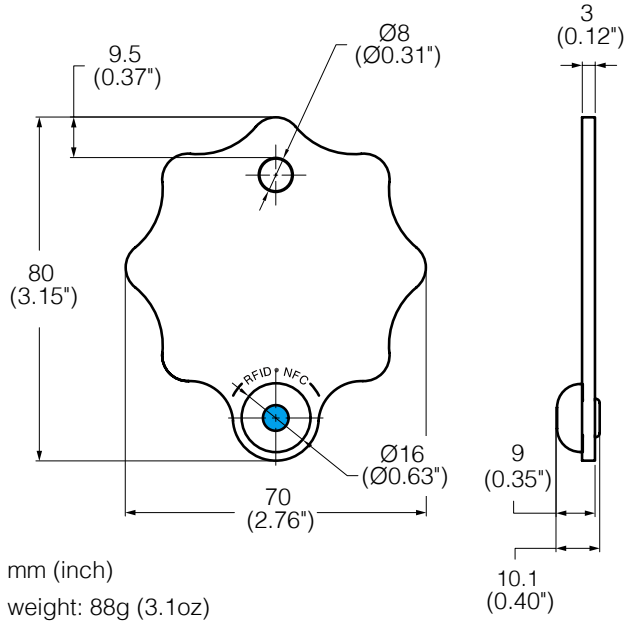
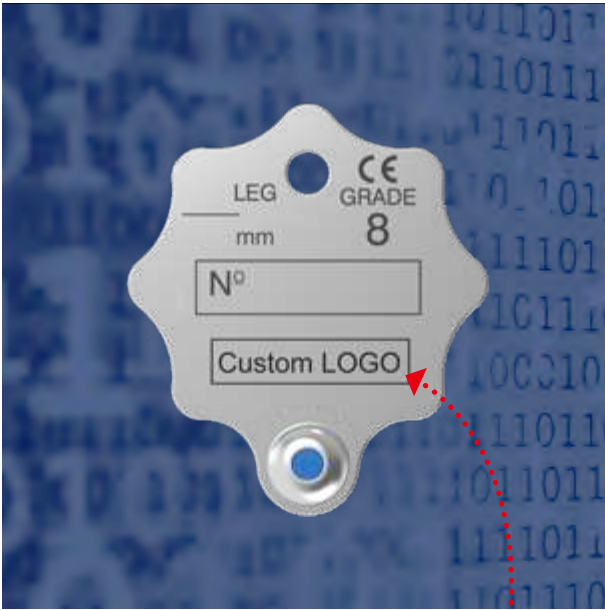
universal use



NFC Enabled

Item No. 13285 SupraDC 285

Chain Sling Tag, Aluminum.

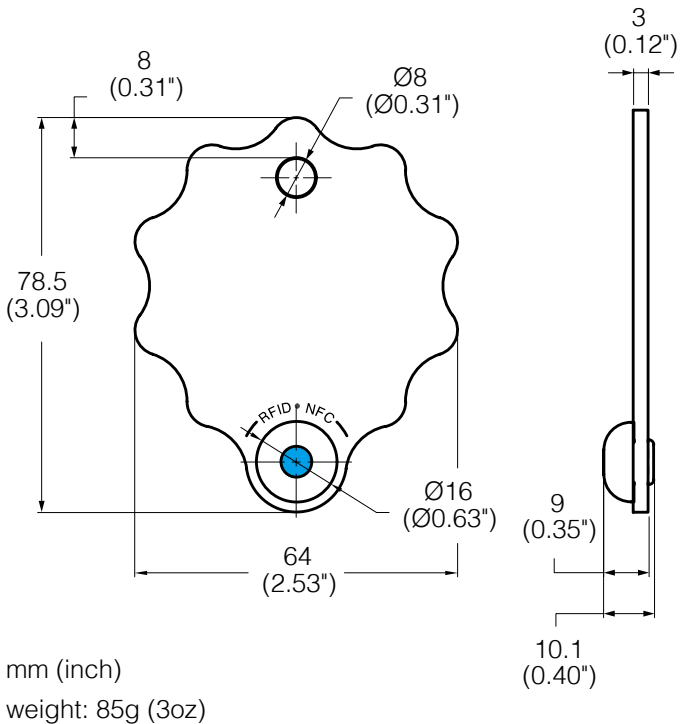


NFC Enabled

Custom Logo

Item No. 13288 SupraDC 288

Chain Sling Tag, Aluminum.

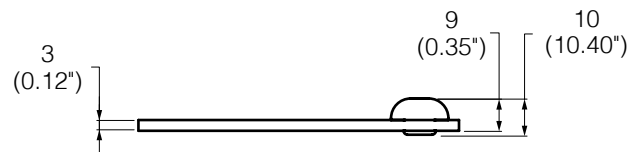
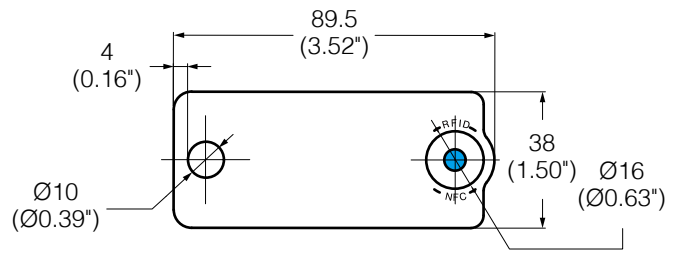
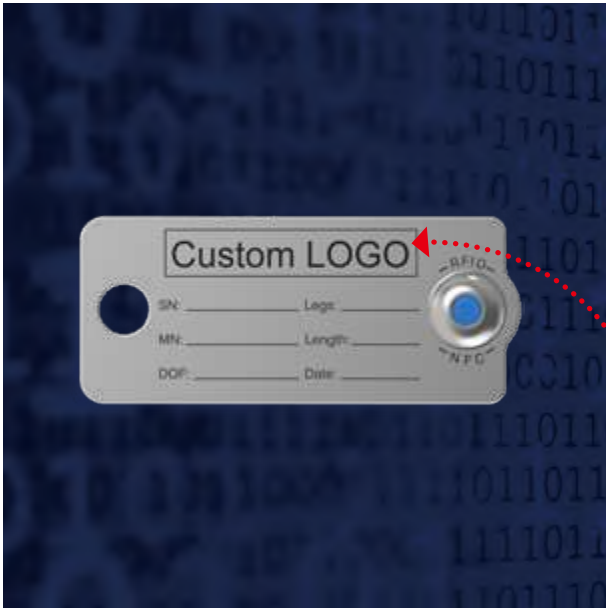


NFC Enabled

Custom Logo

Item No. 13287 SupraDC 287

for wire rope sling, Aluminum.



mm (inch)
weight: 83g (2.9oz)

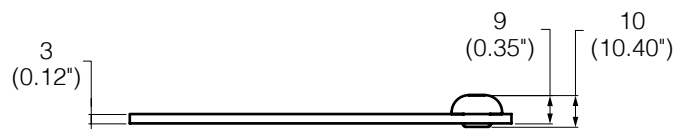
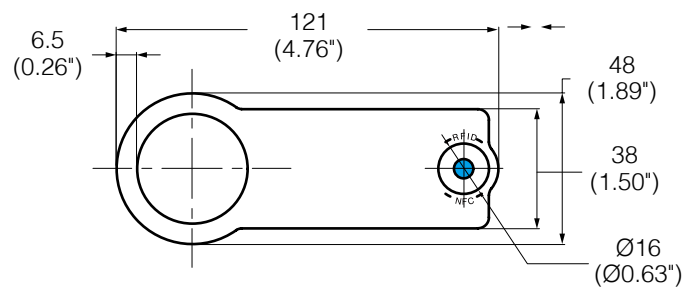
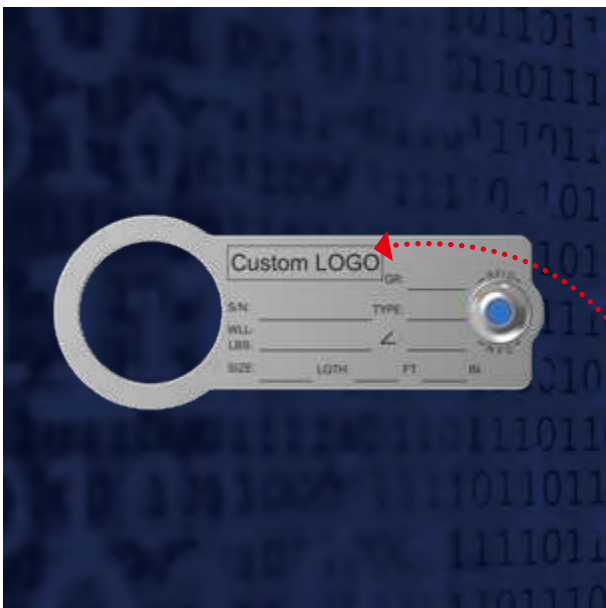


NFC Enabled

Custom Logo

Item No. 13281 SupraDC 281

for chain sling, Aluminum.



mm (inch)
weight: 93g (3.3oz)

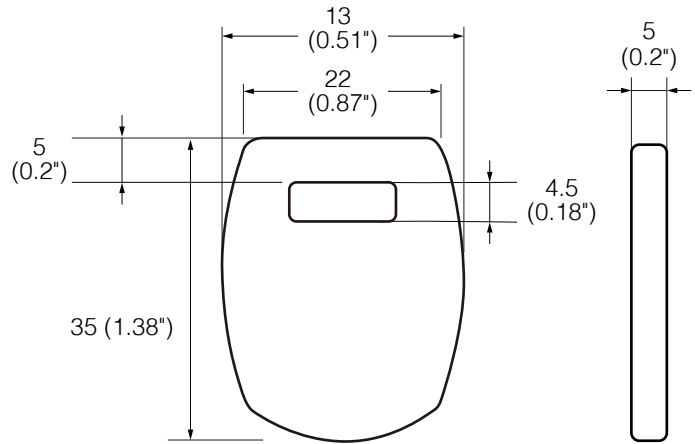


NFC Enabled

Custom Logo

Item No. 13224 SupraDC 224

Application: PPE Fall protection Full body Harness.



mm (inch)
weight: 2.1g (0.07oz)



NFC Enabled



Supra Series Digital Chips

The use of plastic Digital Chips in a severe offshore working environment can lead to the loss or corruption of data, especially when the plastic chip is subject to continuous impact damage, UV from sunlight, corrosion, oil pollution and other mechanical damage experienced when working in challenging conditions.

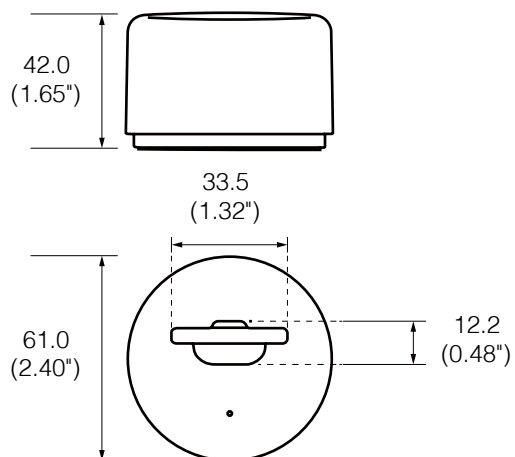
The application of the Supra Series can avoid this risk.

Features:

- NFC enabled mobile device or smart phone (iOS 14 or greater required/ Android 12 or greater required) can be used as reader.
- Patents in several countries.
- By using the Supra Digital Chips with a third-party asset management application to achieve product traceability, manufacturer authentication and digitized product information.

Functionality	
RF Protocol	ISO 15693
Operating Frequency	HF - 13.56 MHz
Memory Configuration	16 Character UID, 2000 bits User
R/W Capability	Read / Write
Performance	
Read Range	Maximum to 5 mm (0.2")
Quality Guarantee	100 %
Orientation	Front Face Read
IP Rating	IP68
Physical	
Quality Guarantee	PA 6 + 30 GF
Mounting System	Universal Use
Color	Yellow
Operational	
Max Temperature Exposure	125 °C / 257 °F
Min Temperature Exposure	-30 °C / -22 °F
Continuous Max Service Temperature	125 °C / 257 °F
Continuous Min Service Temperature	-30 °C / -22 °F
Water and Ice Proof	Yes






mm (inch)
weight: 86g (3.03oz)

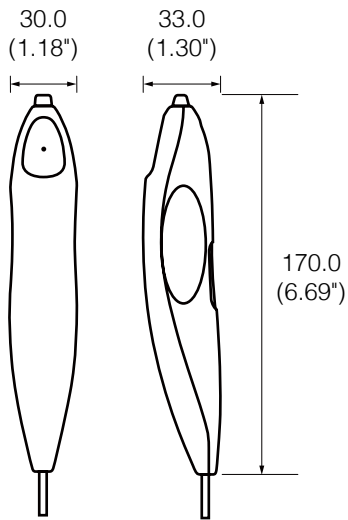


Item No. 1762 SupraHana, reader

- Compatible with SupraTag.
- Applied with YOKE SupraTag for fast reading.
- Easy to plug-n-play.
- Connects directly to USB ports and send data as keystrokes.
- Compatibility with Windows and Macintosh.
- Placed anywhere on the desktop.

Functionality	
Working Voltage	5V DC 
Working Frequency	HF - 13.56 MHz
USB Port	Type-A
Physical	
Material and Color	ABS, white
Wire Length	1.8 m
Operational	
Working Temperature	-20 ~ 60 °C
Storage Temperature	0 ~ 60 °C
Dimensions	
Product Net Weight	85 g
Product Size	61 x 61 x 42 mm






mm (inch)
weight: 95g (3.35oz)

Item No. 1724

SupraPin, reader

- Applied with any Digital Chips for fast reading.
- Easy to plug-n-play.
- Connects directly to USB ports and send data as keystrokes.
- Compatibility with Windows and Macintosh.
- Easy to apply on the production line.

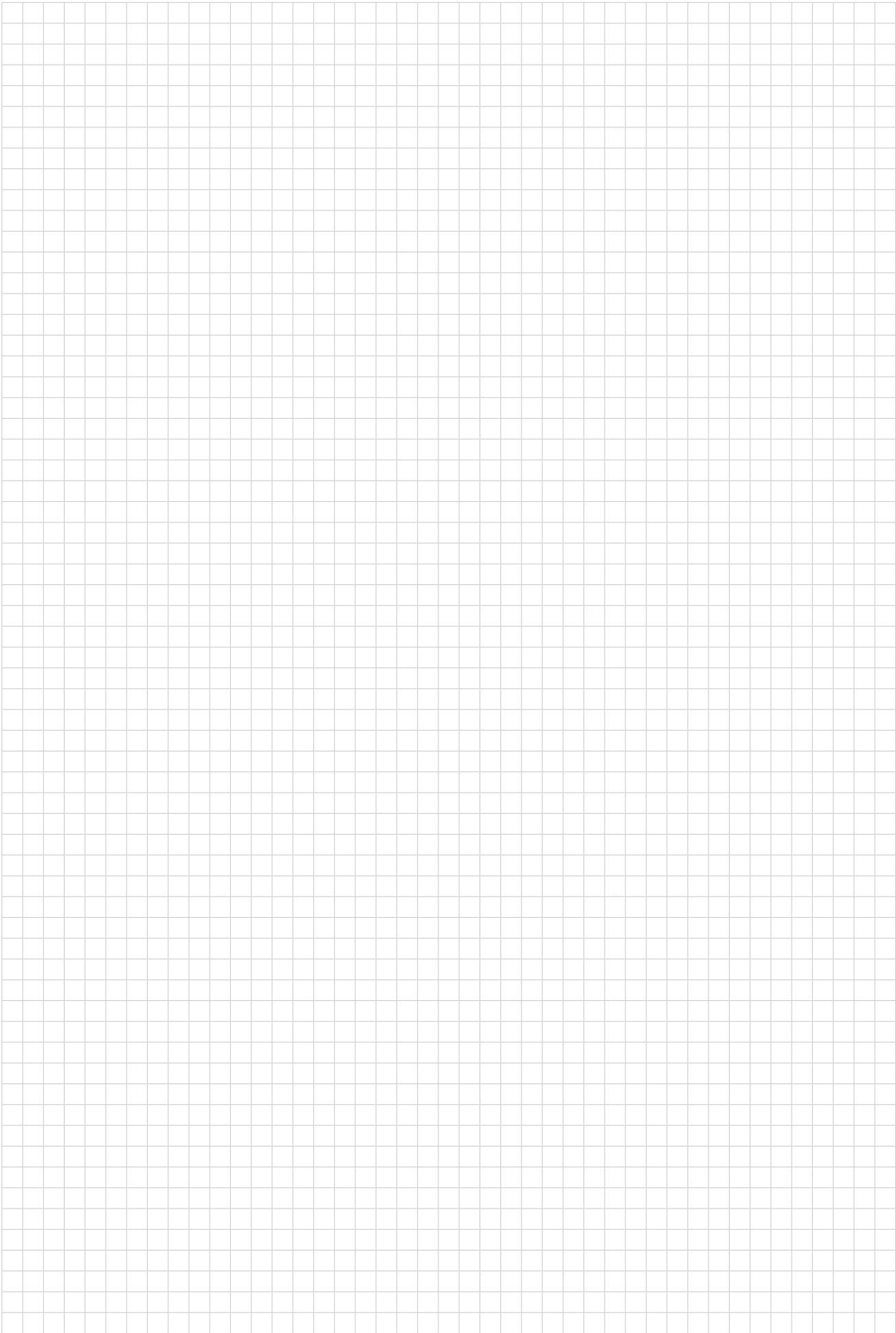
Functionality	
Working Voltage	5V DC 
Working Frequency	HF - 13.56 MHz
USB Port	Type-A
Physical	
Material and Color	ABS, white
Wire Length	1.8 m
Operational	
Working Temperature	-20 ~ 60 °C
Storage Temperature	0 ~ 60 °C
Dimensions	
Product Net Weight	93 g
Product Size	170 x 30 x 35 mm

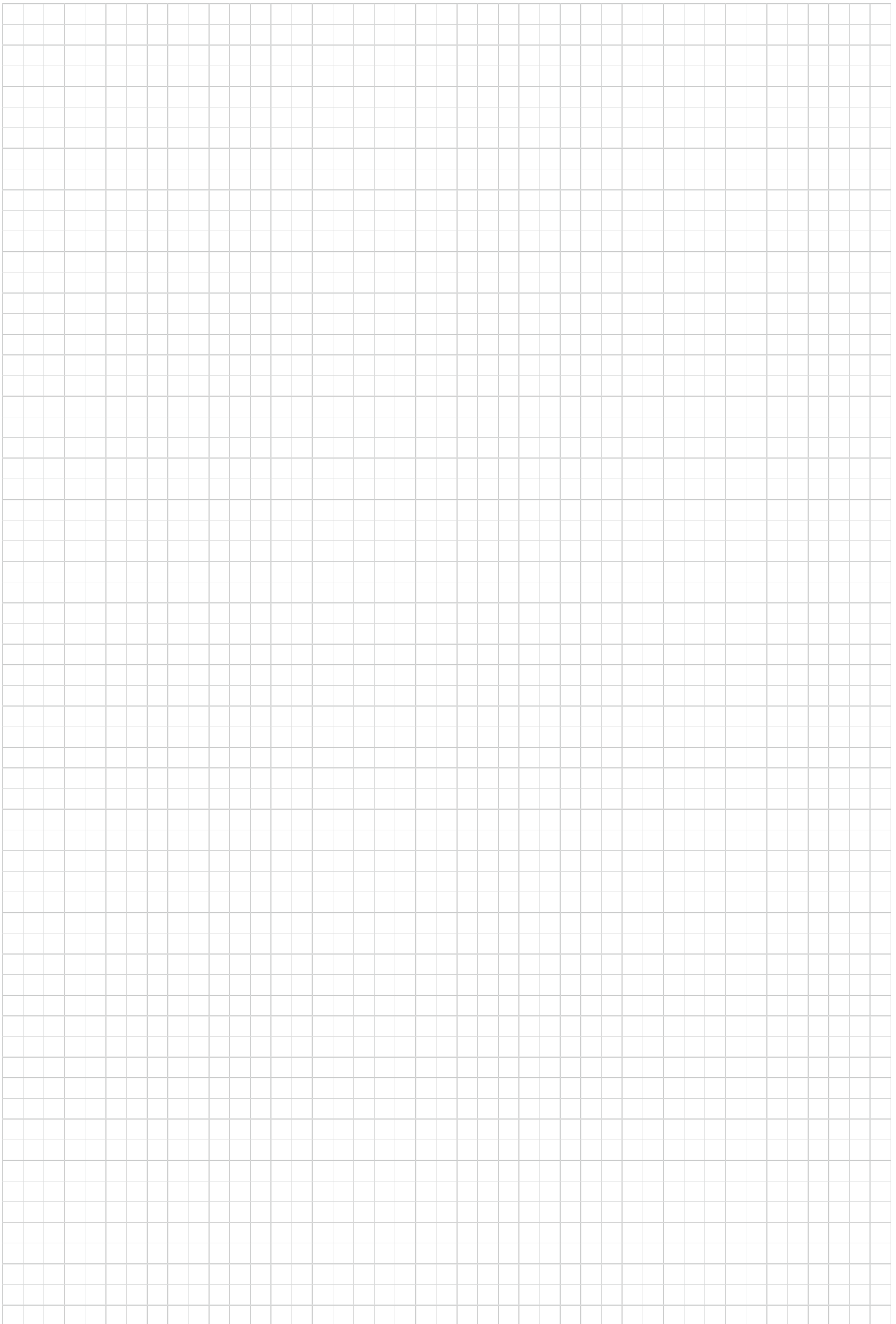


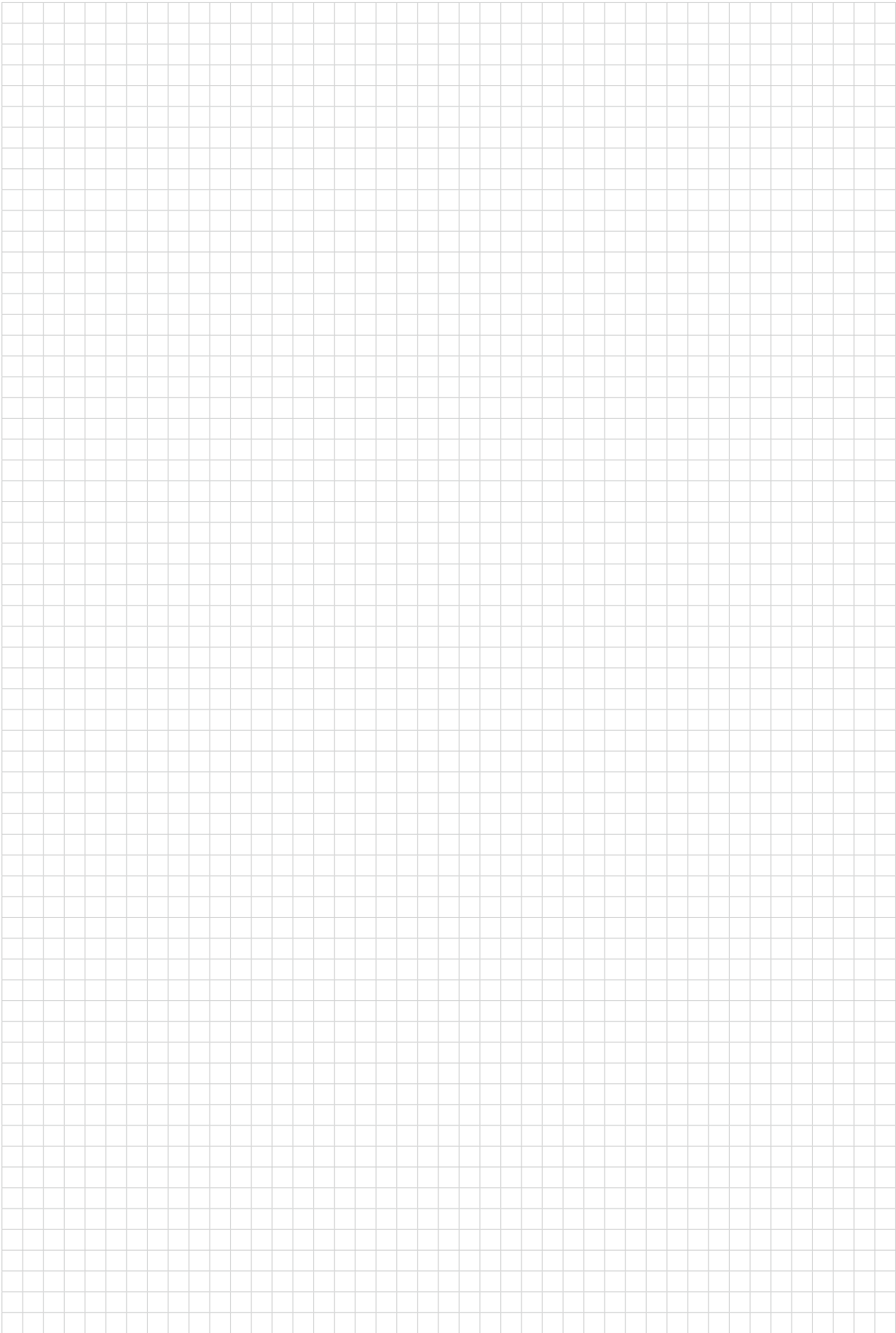
BlueSupra™

Supra Digital Chips

2023







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