



# DUALBAND

# **Technical Specifications**

- HF protocol ISO 15693
- Frequency 13.56 MHz (HF)
- IC type (HF chip)<sup>1</sup> ICODE SLIX
- Chip memory (HF) 64 bits UID, 896 bits user memory
- **Read range fixed**<sup>2</sup> Up to 0.16 ft (5 cm)
- Read range handheld<sup>2</sup> Up to 0.10 ft (3 cm)
- RF protocol EPC Class1 Gen2, ISO18000-6C
- Frequency 902-928 MHz (US); 865-868 MHz (EU)
- IC type (chip)<sup>1</sup> NXP UCODE 8
- Chip memory (UHF) 128 bits EPC, 96 bits TID
- **Read range fixed**<sup>3</sup> Up to 9.84 ft (3 m)
- **Read range** handheld<sup>3</sup> Up to 6.56 ft(2 m)
- Polarization Linear

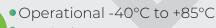


# **Applications**

Industrial & chemical hose, pipes

## **Environmental Specifications**

#### **Temperatures<sup>4</sup>**



Survival -40°C to +125°C

- IP rating IP68
- **Shock** 3ft (1 m) to concrete/granite
- Vibration MIL-STD-810G
- Warranty 1 year



<sup>&</sup>lt;sup>3</sup> UHF frequency, on metal.

 $<sup>^4</sup>$  The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on



## **Physical Specifications**

- Material PC/PBT alloy, glue
- **Dimensions (in)**<sup>1</sup>1.50 × 0.75
- Dimensions (mm)<sup>1</sup> 38.10 x 19.05
- Thickness (in)<sup>1</sup> 0.25
- Thickness (mm)<sup>1</sup> 6.35
- Color Yellow
- Weight 0.17 oz (4.90 g)

<sup>1</sup> Tolerance: +/- 0.004; +/- 0.100

#### Mounting Systems

• Metal band (Pass-through Slot 5/8")

### **Industry Compliance**



# **Order Information**

DUALBAND US: X3819-US100-U8

DUALBAND EU: X3819-EU100-U8

#### **Customization Options**

Encoding

ATEX Certified Version

**Custom Logo** 

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