



|| XTR Duo

Part #RF012

Physical Specifications

Tag Dimensions	162 L x 25 W x 6 H (mm) (6.4 L x 1.0 W x 0.24 H (inches))
Encapsulation	One piece no welding construction
Mounting Hole Diameter	5.3 mm (0.21 inches)
Weight	25 grams (0.055 lbs)
Packaging	100 pairs per box
Attachment Method	Snap in; 2 rivets or screws
Resin	Polypropylene

RF Specifications

RF Protocol	UHF, EPC Class 1 Gen 2, ISO 18000-6C
IC Type	Impinj Monza 4D
User Memory	32 bit
EPC Memory	128 bit
Operating Frequency	860 - 960 MHz (Global)
Read Range (Typical)	7.6 Meters (25 Feet)
Write Distance (Typical)	2.44 Meters (8 Feet)

Environmental Specifications

Operational Temperature	-40C to 85C (-40F to 185F)
Application Temperature	-40C to 160C (-40F to 320F)
Mounting Substrates	Non-metallic surfaces
UV Stabilization	10 Years
Chemical Resistance	Water, Motor Oil, Hydraulic Oil, Dishwashing Detergent, Windex, Gasoline, Isopropyl Alcohol, Mineral Spirits, Acetone, Bleach, 409 Cleaner or Fantastic All Purpose Cleaner, Methyl Ethyl Ketone (MEK), Machine Oil

Environmental and Performance Testing*

Ingress Protection (IP) Rating	IP69K
Thermal Shock I In Accordance with IEC 60068-2-14 Test Nb	-20C to 85C (-4F to 185F)
Thermal Shock II In Accordance with IEC 60068-2-14 Test Na	-40C to 70C (-40F to 158F)
Steel Ball Impact Test	1.8 kg ball drop from 1.52 meters 5 times (4 lb ball drop from 5 feet 5 times)

* Testing performed in an A2LA Accredited Laboratory

Available in black: Part #RF037

4200 CRATES WITH TOPS. 8400 POTENTIAL ISSUES. NOT FOR XTR.



|| XTR Duo

When handling literally thousands of crates, you need to trust that every single crate is accounted for—especially when there's a top and a bottom. We built the XTR Duo tag to keep track of paired assets to ensure they don't separate during transport—no matter how harsh the conditions or the trip. Whatever comes our way, we're ready.

www.xtremerfid.com

 **XTREME RFID**
ready for anything