

Key Features

- ✓ PA6 (Nylon) housing
- ✓ Good thermal inertia protect
- ✓ Perfect protection against impact shock, pressure and other mechanical stresses.
- ✓ UV resistance
- ✓ Severe mechanical, thermal and chemical stresses environments and outdoor applications such as offshore platforms



Technical Specifications

Frequency	860~960MHz UHF Gen 2
IC Type	Alien H3
Material	PA6 (Nylon)
Mounting	Using standard plastic or metal cable binders
Electrical	<ul style="list-style-type: none"> • Electrostatic discharge– ESD: ±5kV, 2 times • Reading distance: depends on environmental condition, chip type and reader
Thermal	<ul style="list-style-type: none"> • Operational: -40°C to +85°C • Storage: -40°C to +90°C (1000h) • Peak: +140°C (10h), +130°C (100h) • Temperature shock: -40°C, +90°C, 5min. soaking time, 30sec. transition, 100cycles
Physical	<ul style="list-style-type: none"> • Shock, IEC 68.2.29: Sin-half-wave, 30g, 18ms, 1100 each direction, +X, -X, +Y, -Y, +Z, -Z • Vibration IEC 68.2.6: Sinusoidal, 6g, 10-200Hz, linear, 1Hz/sec., 8h per axis, X,Y,Z • IP rating: IP68, 1m/24h • Surface Color: Black, yellow, red, green, blue • Dimensions: 27 mm x 20.5 mm
Chemical and environmental resistance	<ul style="list-style-type: none"> • Aqueous solution of salts, alcohol, hydrochloric acid (10%), fuel B, 25% ammonium chloride. • Humidity 90% r.H. @ 90°C, 100h

Qualification	All test done at room temperature if not defined different
Options	Laser engraving, customized insert, optional EMI foil for mount on metal
Weight	5±1 g
Packaging	100 pcs / box (Box size: 210x100x60 mm)

<p>GAO Group</p> <p>GAORFID.com</p> <p>GAOTek.com</p> <p>GAOResearch.com</p>	<p>Toll Free (USA & Canada)</p> <p>1-877-585-9555</p> <p>All Other Areas</p> <p>416-292-0038</p> <p>Dial Ext.601 for Sales Ext.602 for Other Inquiries</p> <p>sales@GAORFID.com</p>
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