

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	125KHz (LF)
IC Type	EM4200
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>
---	---