IDT1000 Series

UHF Hard Tags

Special Shape



Features:

RFID Tag – Reliable Identification Solution for Cylindrical Equipment and Asset Tracking

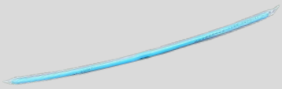
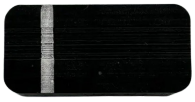
Specifications	
RFID Protocol	EPC Class1 Gen2, ISO18000-6C
Frequency	865 - 868MHz (EU)
IC Type	Alien Higgs-9
Memory	96-bit (Up to 496-EPC Bits) 688-bit user memory 48-bit Unique TID
Material	PC (Polycarbonate)
Mounting Method	Adhesive / Topping-on
Applicable Surface	Metal Surfaces
Operating Temperature	-20°C to +80°C up to -40°C to +85°C
Storage Temperature	-30°C to +80°C up to -40°C to +85°C
IP Rating	IP68 / IP69K
Certifications	Reach Approved, RoHS Approved, CE Approved

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UHF Special Shape Tags

	Size	Read Range	Operating Temperature	Storage Temperature
 IDT1125	D: 36.0 x 7.2mm	Fixed Reader: 2.5m Handheld: 1.8m	-25°C to +85°C	-40°C to +85°C
 IDT1126	D: 47.0 x 5.5mm	Fixed Reader: 3.2m Handheld: 2.1m	-25°C to +85°C	-40°C to +85°C
 IDT1127	D: 48.0 x 7.0mm	Fixed Reader: 3.8m Handheld: 2.3m	-25°C to +85°C	-40°C to +85°C
 IDT1128	D: 7.0 x 21mm	Fixed Reader: 0.3m Handheld: 0.15m	-20°C to +80°C	-30°C to +80°C
 IDT1217	D: 5.0 x 360mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1218	D: 5.0 x 360mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1219	D: 2.0 x 178mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1220	29 x 13 x 6.0mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1221	25 x 8 x 9.0mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1223	29 x 11 x 7.0mm	Fixed Reader: 6.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C

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	Size	Read Range	Operating Temperature	Storage Temperature
 IDT1225	25 x 7.0 x 5.0mm	Fixed Reader: 5.0m Handheld: 1.0m	-50°C to +150°C	-50°C to +150°C
 IDT1226	D: 4.8 x 240mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +250°C	-50°C to +250°C
 IDT1227	22 x 22 x 8.0mm	Fixed Reader: 5.0m Handheld: 1.0m	-50°C to +200°C	-50°C to +200°C
 IDT1228	35 x 22 x 7.0mm	Fixed Reader: 7.0m Handheld: 2.0m	-50°C to +200°C	-50°C to +200°C

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