



Model HF-1575 Series HF 13.56 MHz Glass Ampoule Tags Specifications & Data Sheet



Physical:	Dimensions:	3mm dia. x 13mm length	.118" dia. x .511" length
	Housing:	Glass	Antibacterial/Antiallergenic
	Antenna:	Ferrite Core	Wrapped Copper Wire
	Weight:	< 0.5 grams	

Functions & RF	Frequency:	13.56 MHz	
	EEPROM Chip:	NXP I-CODE SLI 1k bits	Programmable
	Memory:	UID (ROM) = 128 bits	User RW Memory = 896 bits
	Max Usage:	100k Writes	10 Years Data Retention
	Bit Rate:	53 kbit/s	
	RF Standards:	ISO 15693	IEC 18000-3
	Compliance:	RoHS, CE	IP68
	Read Range:	Reader Dependent	1cm – 12cm Typical

Environment:	Storage Temperature:	-55°F to 185°F (85°C)	-55°F to 185°F (85°C)
	Operating Temperature:	-40°F to +131°F (55°C)	-40°F to +131°F (55°C)
	Max Temp Examples:	+284°F (140°C) 10 hours	+248°F (120°C) 100 hours
	Humidity:	Operates at 100% Humidity	
	Sterilization:	Gamma not Acceptable	
	Compressions:	Axial – 500 N	Radial – 500 N
	Vibration/Shock:	IEC 68.2.6	IEC 68.2.29

