



Physical	
Dimensions	70mm x 17mm x 1.8mm (2.76" x 0.67" x 0.07")
Use Case	Indoor; plastic or metal surfaces
Attachment	Acrylic adhesive suitable for multisurfaces
Weight	2 grams

Electrical/RF	
Typical Read Range	15 feet at 36 dBm ERP
Frequency	902-928 MHz
IC Platform	Alien Technology Higgs3
IC Memory	96 bit EPC 512-bit user memory

Environmental	
Classification	IP67
Operating Temperature	-50°C to +85°C (-58° to +185°F)
Temperature Tolerance	-50°C to +150°C (-58° to +302°F)
HT/HL upgrade	-50°C to +185°C (label maximum temperature is 160°C)

PRELIMINARY RELEASE EC NO: USW2019-0134 DRWN: MJM 2019/02/06	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	▼=0	mm	INCH	IN/MM		1:1	INCH			
	∇=0	4 PLACES	±---	±---	DRAWN BY	DATE	TITLE			
		3 PLACES	±---	±.010	MMALONE	2019/02/06	RFID SALES DRAWING			
		2 PLACES	±.25	±.030	CHECKED BY	DATE				
	1 PLACE	±.76	±---	---	---	MOLEX INCORPORATED				
	ANGULAR ±1/2°			DENGLISH	2019/03/04	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			133580821		SD-13358-0821		1 OF 1		
1	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								