



Physical	
Dimensions	6mm diameter x 3.6mm tall (0.24" x 0.14")
Use Case	On metal
Attachment	Site applied adhesive
Weight	0.5 grams

Electrical/RF	
Typical Read Range	3 - 4 feet at 36dBm ERP
Frequency	902-928 MHz
IC Platform	Impinj Monza R6P
IC Memory	Up to 128 bits of EPC memory, 96 bits serialized TID with 48-bit serial number, up to 64 bits of user memory

Environmental	
Classification	IP68
Operating Temperature	-50°C to +85°C (-58° to +185°F)
Temperature Tolerance	-50°C to +185°C (-58° to +365°F)
Steel Ball Drop Test	18" drop with 1" diameter steel ball

- NOTES:
- TAG BODY HEIGHT: 3MM +/-0.1MM
 - TOTAL TAG HEIGHT: 3.6MM +/-0.1MM
 - CHIP AREA IS FOR CLEARANCE, NOT DIMENSIONAL TOLERANCE
 - IC = IMPINJ R6-P, P/N IPJ-W1710-K00

PRELIMINARY RELEASE	EC NO: USW2019-0134 DRWN: MJM 2019/02/06	DESCRIPTION	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				mm	INCH	IN/MM		10:1	INCH				
				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	±---	---	---	APPROVED BY		DATE	MOLEX INCORPORATED				
			ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DENGLISH	2019/03/04	DOCUMENT NO.		SHEET NO.			
						MATERIAL NO.		SD-13356-1431		1 OF 1			
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
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