

MT-249571/NCP

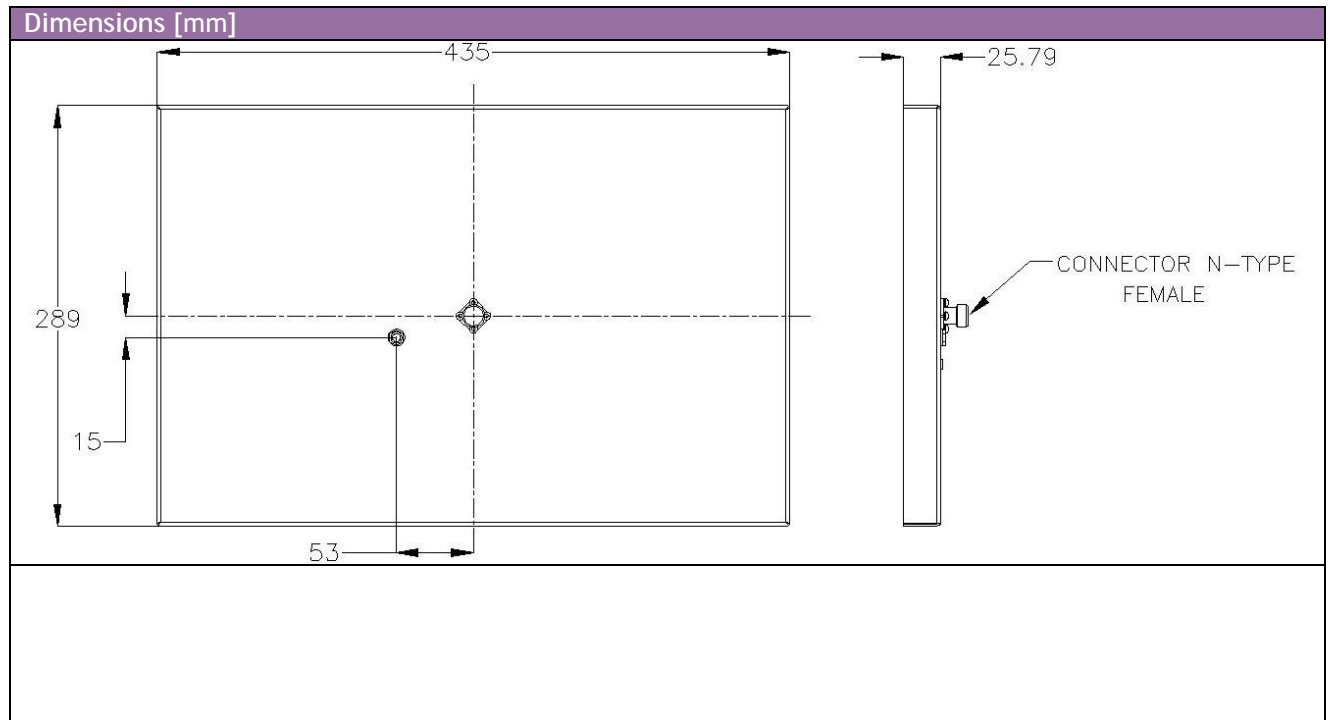
950-956 MHz, Near Field Reader Antenna

Specifications

MTI PART NUMBER		MT-249571/NCP		
ELECTRICAL				
Type of antenna	Magnetic Field Antenna; consists of 4 switched antenna element.			
Frequency Range	950-956 MHz			
Reader type	(*)			
Tag type	Satellite, Neptune			
Tag orientation	Any			
VSWR	2.0 :1 (max)			
Range (mm from Antenna Surface)	0-400 (Satellite), 0-40 (Neptune)			
Polarization	CP			
Input impedance	50 Ω			
Test power	1 W			
Power	2W (max)			
(*) The antenna has been tested with Impinj Speedway Reader to evaluate the Antennas. The antenna performance can be changed when using another type of reader.				
MECHANICAL				
Dimensions (L x W x H)	435x 289 x 25 mm (max)			
Weight	1.5 kg (max)			
Connector	N-Type Female			
Radome	Polycarbinat UV Resistant per ETSI 300			
Base plate	Aluminum with chemical conversion coating			
Mounting	NONE			
ENVIRONMENTAL				
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-30°C	-
HIGH TEMPERATURE	IEC 68-2-2	72 h	+55°C	-
TEMP. CYCLING		IEC 68-2-14	1 h	-30°C +55°C
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS	IEC 529	-	-	IP50
DUST RESISTANCE	IEC 529			IP50
VIBRATION	IEC 60721-3-4	30 min/axis	-	Random 4M3
SHOCK MECHANICAL	IEC 60721-3-4	-	-	4M3
FLAMMABILITY	UL 94	-	-	Class HB

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MTI Wireless Edge is certified according to ISO 9001 and ISO 14001.

WAIVER!

While the information contained in this document has been carefully compiled to the best of our present knowledge, it is not intended as presentation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.

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