

IDT HT 220 SQUARE

RFID Asset Tags



High Temperature IDT 220 Tag are UHF Gen 2 Long Range Passive Tags. Capable of surviving cycling applications to +225°C. The performance of the Fit 220 tag is not sacrificed by its small size and it is an ideal solution for tracking very small metal assets where space is limited.

PHYSICAL CHARACTERISTICS

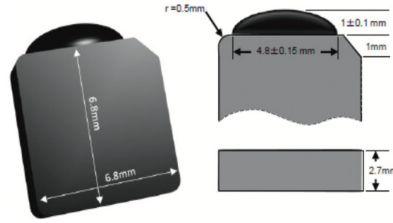
Dimensions	6.8 x 6.8 x 2.7
Weight	0.6
Finish	Painted Black
Attachment	Film Adhesive

RF SPECIFICATIONS

Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operating Frequency	865 – 868 MHz / 902 – 928 MHz
Read Range Fixed Reader	Up to 1.5 m (Reader Dependent)
Read Range Handheld Reader	Up to 1 m (Reader Dependent)
IC Type	Monza R6P
EPC Memory	96 bits
User Memory	512 bits



RFID CERAMIC TAG DIMENSION



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20 to +85 °C
Max Temperature Exposure	-40 to +225°C
IP Rating	IP68
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Film Adhesive

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, Etc.

ORDER INFORMATION

Part No.	IDT.RF.T.CRM.BL (Blank)
	IDT.RF.T.CRM.AI (Adhesive Indoor)
	IDT.RF.T.CRM.AO Adhesive Outdoor)

APPLICATION AREA



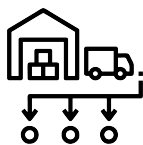
Construction



Manufacturing



Energy



Logistics



Supply Chain



Transportation

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