Transponder

DISC TAG

PART ID:

1031-02-113-00

Versatile disc-shaped RFID tags designed to perform in the toughest conditions

Main Specifications

Material	PPA
Operating Temperature	-25°C to 85°C
IP Class	IP69K
Compliance	RoHs & Reach, CE



Chip Specification (Chip 113)

Chip	NXP - HITAG S 2048
Frequency	125 kHz (LF)
Memory	UID 4 Byte; User 2048 Bit
Norm	ISO/IEC 11784 & 11785 & 14223

Full Specifications

Product ID	1031
Material	PPA
Shape	Overmolded
Short Description	Versatile disc-shaped RFID tags designed to perform in the toughest conditions
Long Description	DISC Tag passive contactless RFID transponders are highly ruggedized and ideal for multiple industrial applications. Water, chemical and shock resistant, the food compatiable tags are also UL94-HB flame resistant. The versatile heavy-duty tags offer a round disc shape makes them easy to fix with a single screw or rivet.
Comments	No Hole on 20mm TAG / 5.2mm hole on Diameter 30mm and 50mm
Main Use	Manufacturing Automation
Article Type	DISC TAG
Color	Black
Thickness [mm]	3
Hole	yes
Operating Temp °C (min)	-25
Operating Temp °C (max)	85
Storage Temp °C (min)	-40

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Storage Temp °C (max)	90
Peak Temp I / °C	120
High Temp	yes
Food compatible	yes
IP Class	IP69K
Chemical Resistance	Not Specified
Flame Resistance	UL 94 HB
Mechanical Resistance	IK 06
Attachment Method	Screw/Rivet
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1031-01-152-00	D20x3mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1031-01-267-00	D20x3mm	HF	MB89R118	ISO/IEC 15693 & 18000-3
1031-01-264-00	D20x3mm	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
1031-02-152-00	D30x3mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1031-02-113-00	D30x3mm	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
1031-02-264-00	D30x3mm	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3
1031-02-267-00	D30x3mm	HF	MB89R118	ISO/IEC 15693 & 18000-3
1031-03-152-00	D50x3mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1031-03-113-00	D50x3mm	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
1031-03-267-00	D50x3mm	HF	MB89R118	ISO/IEC 15693 & 18000-3
1031-03-264-00	D50x3mm	HF	ICODE SLIX 2	ISO/IEC 15693 & 18000-3

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