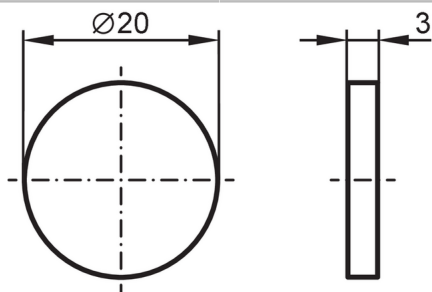




RFID tag

ID-TAG/20X3/06-16KBit



Application

Application	Coding of workpiece carriers in routing conveyors
Operating temperature (active) [°C]	-25...85
Peak temperature (passive) [°C]	85

Electrical data

Operating frequency [MHz]	13,56
Memory size [bit]	16000
Memory type	FRAM
Chip type	MB89R118C
Number of the blocks	250
Block size [Byte]	8
Unique Identification Number (UID) [Byte]	8
RFID standard	ISO 15693
Max. read cycles	unlimited
Max. write cycles	unlimited

Operating conditions

Ambient temperature [°C]	-25...85
Storage temperature [°C]	-40...85
Protection	IP 68

Tests / approvals

Shock resistance	DIN IEC 68-2-27	40 g 18 ms
Vibration resistance	DIN IEC 68-2-6	10 g 10...2000 Hz

Mechanical data

Weight [g]	9.3
Dimensions [mm]	Ø 20 / L = 3
Material	PPA

Remarks

Pack quantity	5 pcs.
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E80349



RFID tag

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Other data

Reading distance when mounted on non-metal (mm)

ANT410 / DTI110 / DTI410	10
ANT411 / DTI111 / DTI411	15
ANT420 / DTI120 / DTI420 / DTI124 / DTI424 / DTM424 / DTM426	10
ANT421 / DTI121 / DTI421 / DTI125 / DTI425 / DTM425 / DTM427	30
ANT430 / DTI130 / DTI430 / DTI134 / DTI434 / DTM434 / DTM436	25
ANT431 / DTI131 / DTI431 / DTI135 / DTI435 / DTM435 / DTM437	35
ANT513 / DTI213 / DTI513 / DTC510	50
ANT515 / DTI215 / DTI515 / ANT516 / DTI216 / DTI516	25
ANT600 / DTI600	-