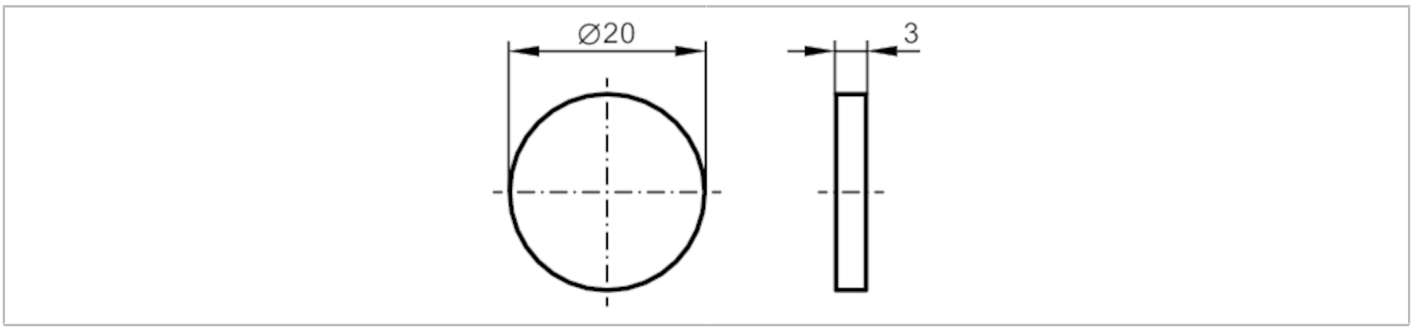
E80349

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 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
Materials		PPA
Remarks		
Pack quantity		5 pcs.

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Other data

Reading distance when mounted on non-metal (mm)

ANT410 / DTI410	10
ANT411 / DTI411	15
ANT420 / DTI420 / DTM424 / DTI424 / DTM426	10
ANT421 / DTI421 / DTM425 / DTI425 / DTM427	30
ANT430 / DTI430 / DTM434 / DTI434 / DTM436	25
ANT431 / DTI431 / DTM435 / DTI435 / DTM437	35
ANT513 / DTI513 / DTC510	50
ANT515 / DTI515 / ANT516 / DTI516	25
ANT600 / DTI600	-