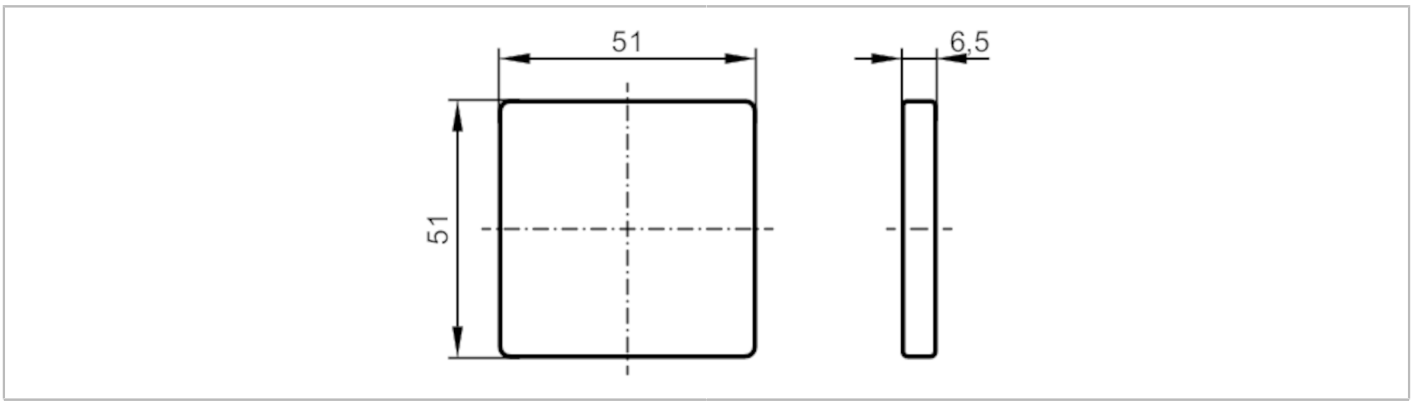
E80400

RFID tag

ID-TAG/51x51/06



Application		
Application		coding of workpiece carriers in routing conveyors
Operating temperature (active)	[°C]	-55...240
Electrical data		
Operating frequency	[MHz]	13,56
Memory size	[bit]	896
Memory type		EEPROM
Chip type		ICODE SLIX
Number of blocks		28
Block size	[Byte]	4
Unique Identification Number (UID)	[Byte]	8
RFID standard		ISO 15693
Operating conditions		
Ambient temperature	[°C]	-55...240
Note on ambient temperature		1,5 h 185 °C
		1 h 200 °C
		0,75 h 220 °C
		0,5 h 240 °C
		maximum dwell time at maximum ambient temperature
Protection		IP 68
Tests / approvals		
Shock resistance	EN 60068-2-29	40 g 18 ms
Vibration resistance	EN 60068-2-6	10 g 10...2000 Hz
Radio approval		ISO 15693
Mechanical data		
Weight	[g]	297.85
Type of mounting		Installation on metal and non-metal materials; (screw fastening: spacer E80401; sticking to a surface)
Dimensions	[mm]	51 x 6.5 x 51
Materials		PPS

E80400

RFID tag

ID-TAG/51x51/06

Remarks	
Pack quantity	10 pcs.

Other data

Reading distance when mounted on non-metal (mm)

ANT410 / DTI410	20
ANT411 / DTI411	25
ANT420 / DTI420 / DTM424 / DTI424 / DTM426	15
ANT421 / DTI421 / DTM425 / DTI425 / DTM427	50
ANT430 / DTI430 / DTM434 / DTI434 / DTM436	40
ANT431 / DTI431 / DTM435 / DTI435 / DTM437	65
ANT513 / DTI513 / DTC510	100
ANT515 / DTI515 / ANT516 / DTI516	50
ANT600 / DTI600	200

read distance when mounted on metal (mm)

ANT411 / DTI411	16
ANT421 / DTI421 / DTI425	35
ANT430 / DTI430 / DTI434	25
ANT431 / DTI431 / DTI435	40
ANT513 / DTI513	60
ANT515 / DTI515 / ANT516 / DTI516	25
ANT600 / DTI600	90