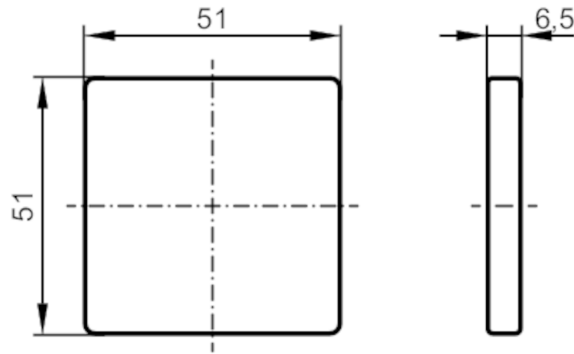




RFID tag

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]	281
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