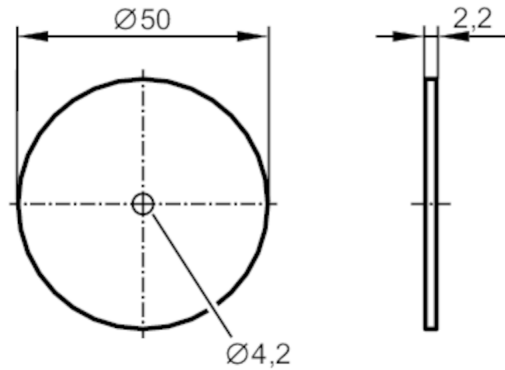




RFID tag

ID-TAG/D50X2.2/01



Application

Application	Coding of workpiece carriers in routing conveyors	
Operating temperature (active) [°C]	-25...70	
Peak temperature (passive) [°C]	100; (duration of test: 1 x 100 h)	

Electrical data

Operating frequency [MHz]	0,125	
Memory size [bit]	224	
Max. read cycles	unlimited	
Max. write cycles	100000	

Operating conditions

Ambient temperature [°C]	-25...70	
Storage temperature [°C]	-40...90	
Protection	IP 67	

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
MTTF [years]	2854	

Mechanical data

Weight [g]	6.35	
Dimensions [mm]	Ø 50 / L = 2.2	
Material	PC black	

Remarks

Remarks	Peak temperature 1 x 100 h	
	Storage temperature 1 x 1000 h	
	shock 6 Achsen je 2000 Schocks	
	vibration 3 Achsen je 2,5 h	
Pack quantity	1 pcs.	

E80319



RFID tag

ID-TAG/D50X2.2/01

Other data

read/write distance (mm)

	Positioning of the ID tags	Reading	Writing	
DTA100	overhead	20...60	20...50	
DTA101	overhead	20...60	—	
DTA200	front side	65	65	
DTA201	front side	65	—	
DTA300	front side	110	110	
DTA301	front side	110	—	

All indications apply to static read/write operations.

Indications without comment refer to the installation of ID tags in non-metallic environments.