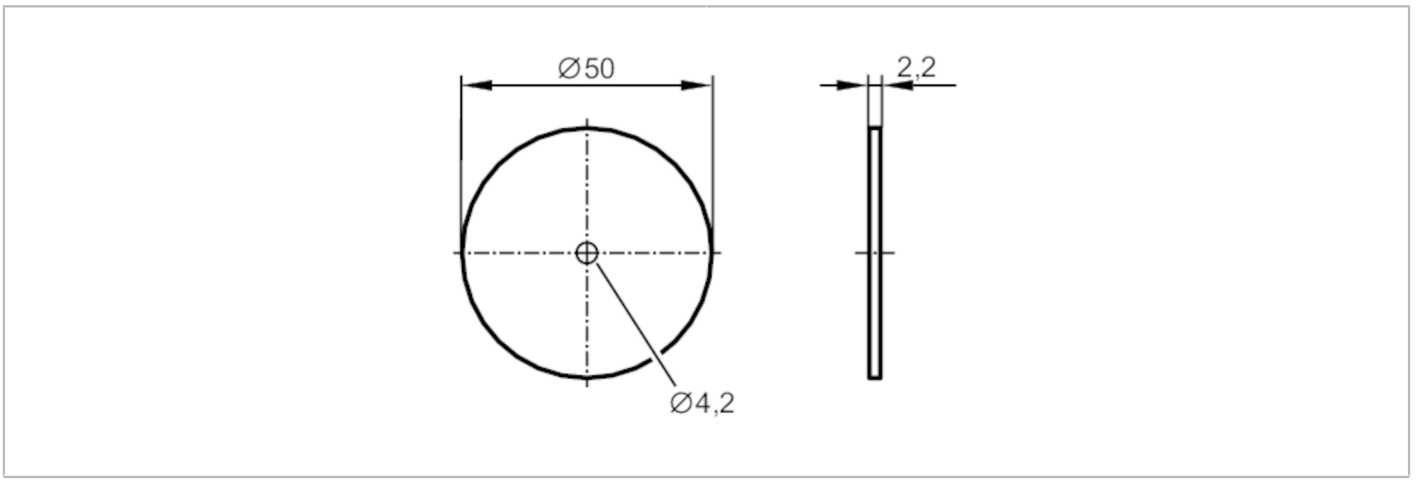
E80319

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
Materials			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 tag	read	write	
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.	