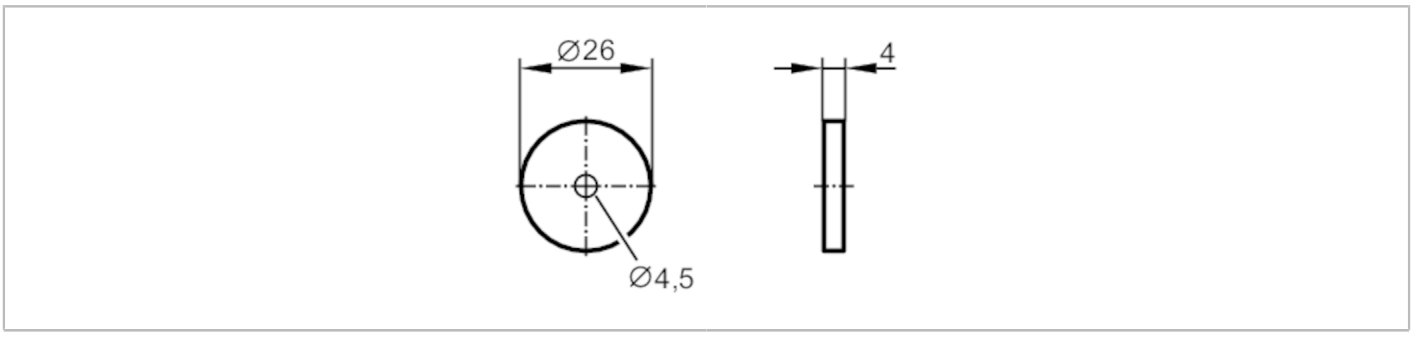
E80322

RFID tag

ID-TAG/D26X4/01



Application			
Application			coding of workpiece carriers in routing conveyors
Operating temperature (active)	[°C]		-25...85
Peak temperature (passive)	[°C]		200; (duration of test: 160 °C: 500 x 20 min, 200 °C: 10 x 20 min)
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...85
Storage temperature	[°C]		-25...140
Protection			IP 68
Tests / approvals			
Shock resistance		DIN IEC 68-2-29	40 g 18 ms
Vibration resistance		DIN IEC 68-2-6	10 g 10...2000 Hz
MTTF	[years]		2854
Mechanical data			
Weight	[g]		4.9
Dimensions	[mm]		Ø 26 / L = 4
Materials			PA High Temperature
Remarks			
Remarks			shock 6 Achsen je 2000 Schocks
			vibration 3 Achsen je 2,5 h
			Storage temperature 1 x 100 h (160°C), 1 x 2 h (180°C), 10 x 30 min (20°C), 10 x 10 min (200°C)
			peak temperature
			500 Zyklen 5 min (160 °C), 20 s (ΔT), 5 min (20 °C), 20 s (ΔT)
			10 Zyklen 10 min (200 °C), 20 s (ΔT), 1 h (20 °C), 20 s (ΔT)
Pack quantity			1 pcs.

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Other data

read/write distance (mm)

	positioning of the ID tag	read	write	
DTA100	overhead	15...40	15...40	
DTA101	overhead	15...40	–	
DTA200	front side	55	55	
DTA201	front side	55	–	
DTA300	front side	80	80	
DTA301	front side	80	–	

All indications apply to static read/write operations.

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