

DATA SHEET



AGX Elastico SF Tag

Product Description		AGX Elastico SF Tag
Electrical Characteristics		
Operating Frequency		868-915MHz
IC Technologies		Higgs 3
Memory Size		512 bit user memory + 96 bit EPC + 64 bit TID
Read distance (2W reader ERP, free space)		up to 2,5m*
Standards		UHF EPC Class 1 Gen 2; ISO 18000-6C; DIN 40050-9; compatible with ATA Spec 2000 and SAE AS5678 specifications
Thermal & Environmental Characteristics		
Storage Temperature		-40° to +185° F (-40° to +85° C)
Operating Temperature		-40° to +185° F (-40° to +85° C)
Packaging Protection Class		IP68, 68° F (20° C), 6.6 ft (2 m) x 24 h
Shock & Vibration		+68° to +320° F (+20° to +160° C), 200 x 5 min with 30 sec transition
Peak		248° F (120° C), 100 h; 428° F (220° C) [20 bars, 10 x 10 sec, with thin tissue between iron and tag]
Bending		500 each side, 10 mm radius; 500 each side, 180° twist
RoHs Compliance		YES
Physical Characteristics		
Dimensions	3.0 x 1.0 X 0.1 in (77 x 25 x 3 mm)	
	3.3 x 1.0 x 0.12 in (83 x 25 x 3 mm)	
	3.4 x 1.0 x 0.1 in (87 x 25 x3 mm)	
	2.2 x 0.5 x 0.08 in (55 x 12 x 2.2 mm)	
	2.5 x 0.5 x 0.08 in (65 x 12 x 2 mm)	
	4.5 x 3.3 x 0.1 in (115 x 85 x 3 mm)	
Weight	0.2 oz (6 g) - 0.05 oz (1.4 g)	
Material	TPE	
Color	Green, Yellow, White	
Impact	IEC 62262-IK06	
Mounting	Cable tie flush with surface, glue, rivet, screw	
Article no:		
Dplease precise dimensions on order		AGX Elastico SF Tag
Typical Applications		
Industry & Logistics		
Offshore Industry		

Contact:

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