

PZ03S 26-256, iC-PZ2656

iC-PZ Encoder Disc and Code Description

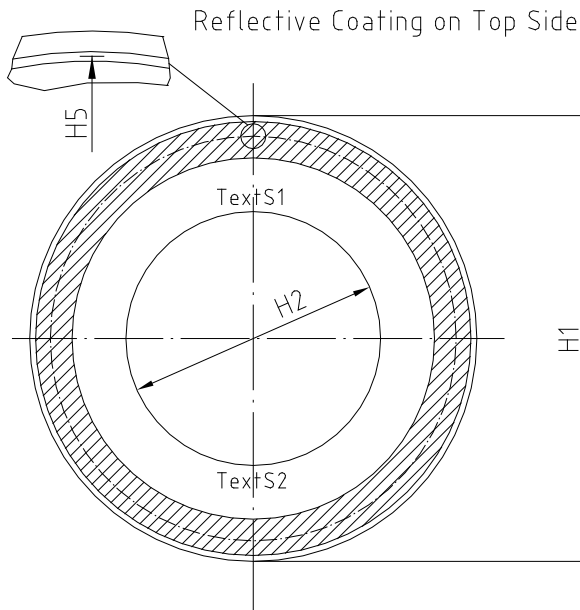


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ORDERING INFORMATION

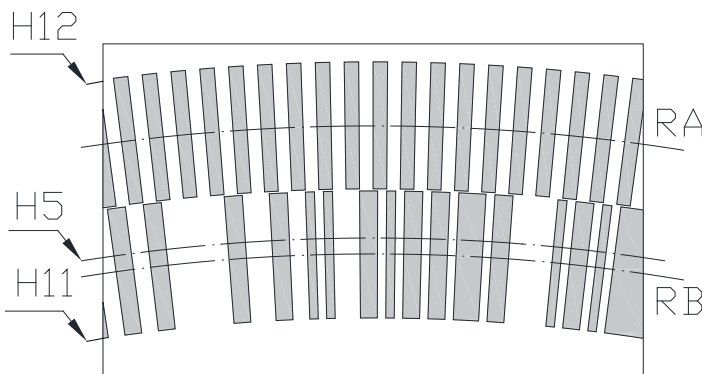
Type	Order Designation	Description/Options
Encoder Disc	PZ03S# 26-256 (#: Material)	Code Disc 256 PPR, dia 26.0 mm

PHYSICAL DIMENSIONS: Code Disc



Item	Parameter	[mm]
H1	Outer Diameter	26.0
H2	Inner Diameter	11.7
H3	Thickness	t.b.d.
H5	Radius of Paddle Center (= Radius of Chip Center)	9.95
H6	Radius of Middle of AB Tracks	10.70
H9	Text S1	PZ03S
H10	Text S2	26-256

TRACK LAYOUT: Code Disc



Item	Parameter	[mm]
H5	Radius of Chip Center (referred to origin)	9.95
H11	Code Pattern Radius: Begin	8.90
H12	Code Pattern Radius: End	11.30
RA	Radius AB-Track (Disc)	10.70
RB	Radius Random-Track (Disc)	9.50



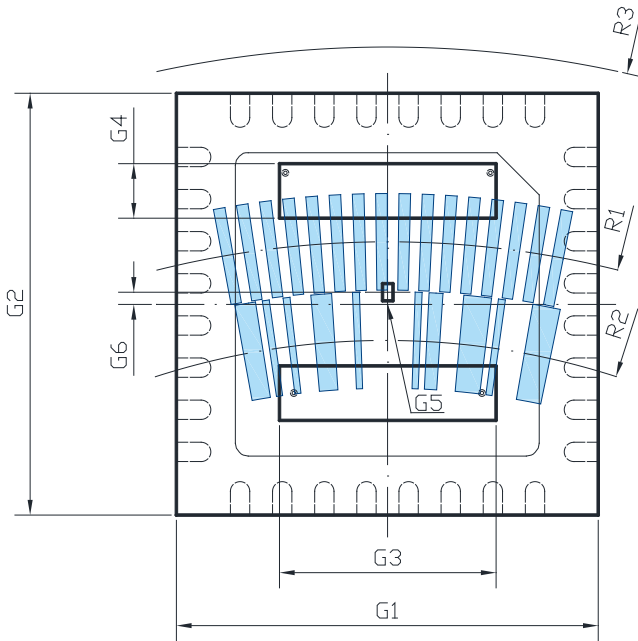
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LAYOUT: System



Item	Parameter	[mm]
G0	Name and Design Release oQFN32 5x5	iC-PZ2656
G1	Width	5.0
G2	Height	5.0
G3	Window Width (both windows)	2.57
G4	Window Height (both windows)	0.65
G5	Radius of Paddle Center	9.95
G6	Paddle Center vs. LED Center	0.15
R1	Optical Radius AB-Track (disc)	10.70
R2	Optical Radius Random-Track (disc)	9.50
R3	Disc Outer Edge	13.00

REGISTER ASSIGNMENT:

Number of AB-increments	256
SYS_OVR	8
FCL	256
FCS	0
AI_SCALE (Air Gap 1.75 mm)	1.0048
AI_PHASE	0°

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