

# PR27S 14-256, iC-PR1456

## iC-PR Encoder Disc and Code Description

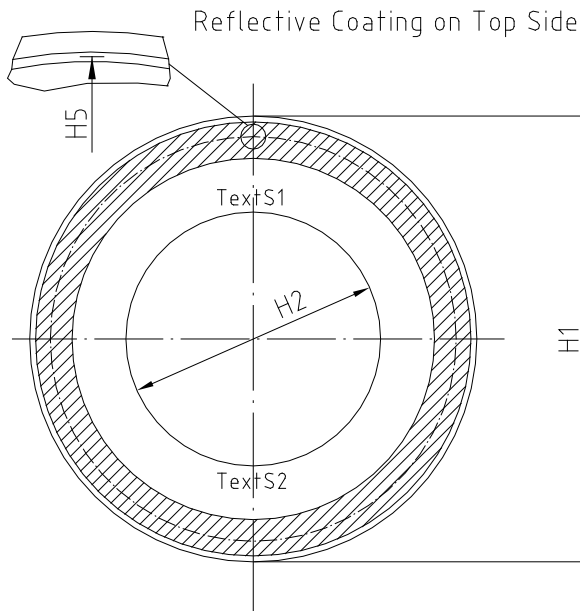


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### ORDERING INFORMATION

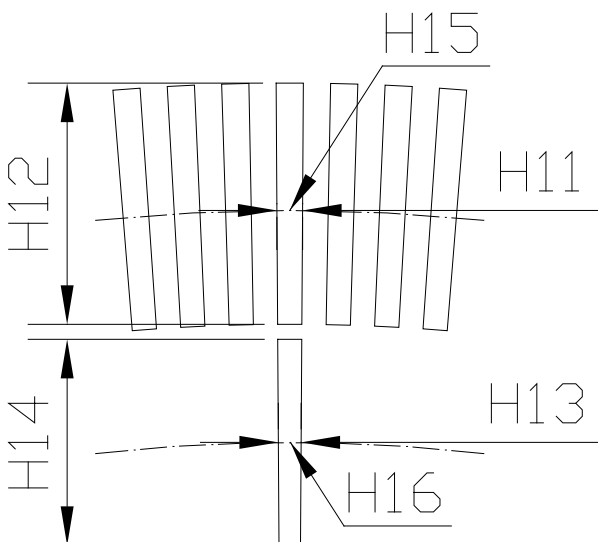
Type	Order Designation	Description/Options
Encoder Disc	PR27S# 14-256 (#: Material)	Code Disc 256 PPR, dia 14 mm

### PHYSICAL DIMENSIONS: Code Disc



Item	Parameter	[mm]
H1	Outer Diameter	14.0
H2	Inner Diameter	2.0
H3	Thickness	t.b.d.
H5	Radius of Paddle Center	4.075
H6	Radius of Middle of AB Tracks	4.65
H9	Text S1	PR27S#
H10	Text S2	14-256

### TRACK LAYOUT: Code Disc



Item	Parameter	[um]
H11	AB-Track Width	57.0
H12	AB-Track Height	556.0
H13	Index-Track Width	50.4
H14	Index-Track Height	476.0
H15	Radius AB-Track (Disc)	4650.0
H16	Radius Index-Track ( Disc )	4100.0

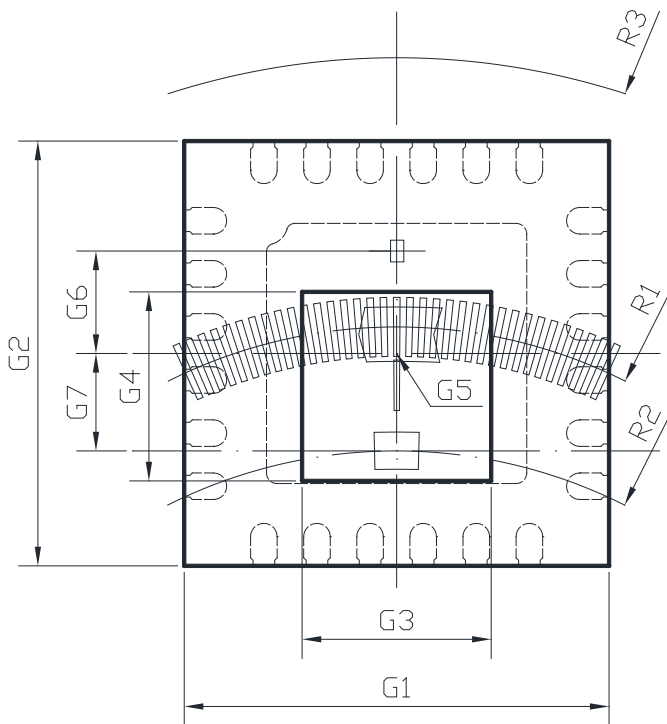
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### LAYOUT: System



Item	Parameter	[mm]
G0	Name and Design Release oQFN24 4x4	iC-PR1456
G1	Width	4.0
G2	Height	4.0
G3	Window Width & Height	1.78
G4	Window Height	1.78
G5	Radius of Paddle Center	4.075
G6	Paddle Center vs. LED Center	0.965
G7	Paddle Center vs. Index Center	0.915
R1	Optical Radius AB-Track (Disc)	4.65
R2	Optical Radius Index-Track (Chip)	3.16
R3	Disc Outer Edge	7.0

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