

Sensors

Magnetic Sensors

Incremental Encode Output Type
HGPRDT Series

Incorporates dual-phase output in a small package, contributing to miniaturization and design flexibility of encoder systems.



Automotive

■ Type:Encoder (Surface mount)

Applications:Automotive:Navigation/audio systems, HVAC,Tailgate,
Power Windows,Steering

■ Product List

Products No.	Package specifications	Function	Operating magnetic field	Drive voltage	Current consumption	Size (mm)	Automotive	Drawing No.
HGPRDT006A	SOT23 type	Alternating output/ Direction of rotation output	Hon: +0.8mT Typ Hoff: -0.8mT Typ	12V Typ. (3 to 30V)	1.6mA Typ. (at VDD=12V)	2.9×2.8×1.1	●	1
HGPRDT007A	SOT23 type	2-phase alternating output	Hon: +0.8mT Typ Hoff: -0.8mT Typ	12V Typ. (3 to 30V)	1.6mA Typ. (at VDD=12V)	2.9×2.8×1.1	●	

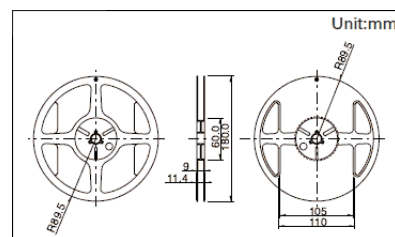
Note

1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Place your purchase order in N minimum package units (N: integer).

■ Packing Specifications

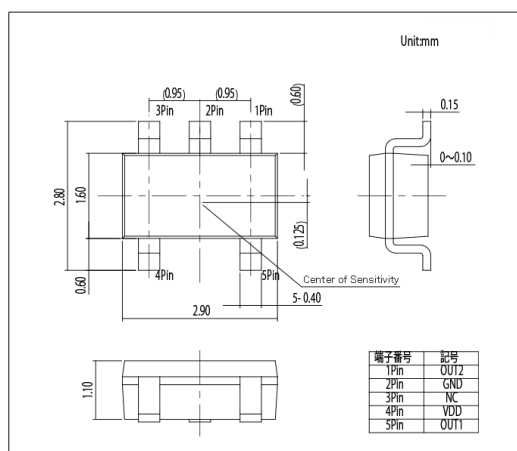
Taping

Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
1 reel	1 case / Japan	1 case / export packing		
3,000	3,000	45,000	8	210 x 210 x 230



Drawing No.1

■ Dimensions



■ Land Dimensions

