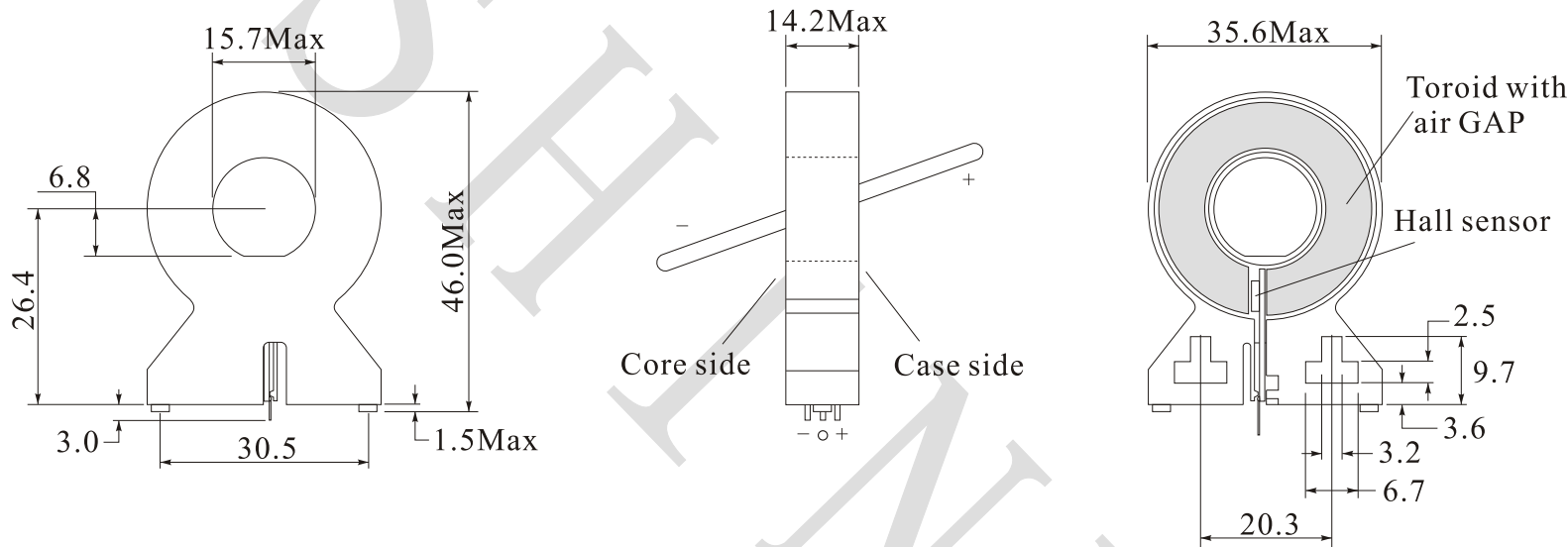


Rev.	Description	Date
A0	New release	2025.05.14

1. PHYSICAL CHARACTERISTICS (mm)



Supply voltage	6 to 12	Vdc
Supply current	20 max	mA
Sensed current	235	A
Offset voltage	$V_{cc}/2 \pm 2\%$	V
Sensitivity@8Vdc input	9.8 ± 1.1	mV*N(turns)
Offset shift	± 0.0125	%/°C
Response time	3	uSec
Operating temperature	-25 to +85	°C



Note: When monitoring purely AC current with zero DC component, a capacitor can be inserted in series with the output of the current sensor. the capacitor will block out the effect of the temperature variation of the offset voltage which increases the accuracy of the device.

NAME:	Linear Output Hall Current Sensors		
CUSTOMER P/N:	CSLA2DH	DATE:	2025-05-14
SHINHOM P/N:	HBC2DH	REV: A0	PAGE
DRAWN BY		CHECKED BY	
		APPROVE BY	