

1	2	3	4	5	6
Document No.	REV	DWG BY	CHK'D BY	APPV'D BY	Date
	0	Keith W			

Top View Dimensions: 12.00^{0.0}_{-0.1}mm (width), 12.00^{0.0}_{-0.1}mm (height), 8.8mm (height from center to bottom edge).

Side View Dimensions: 1.1±0.1mm (thickness), 5max (length).

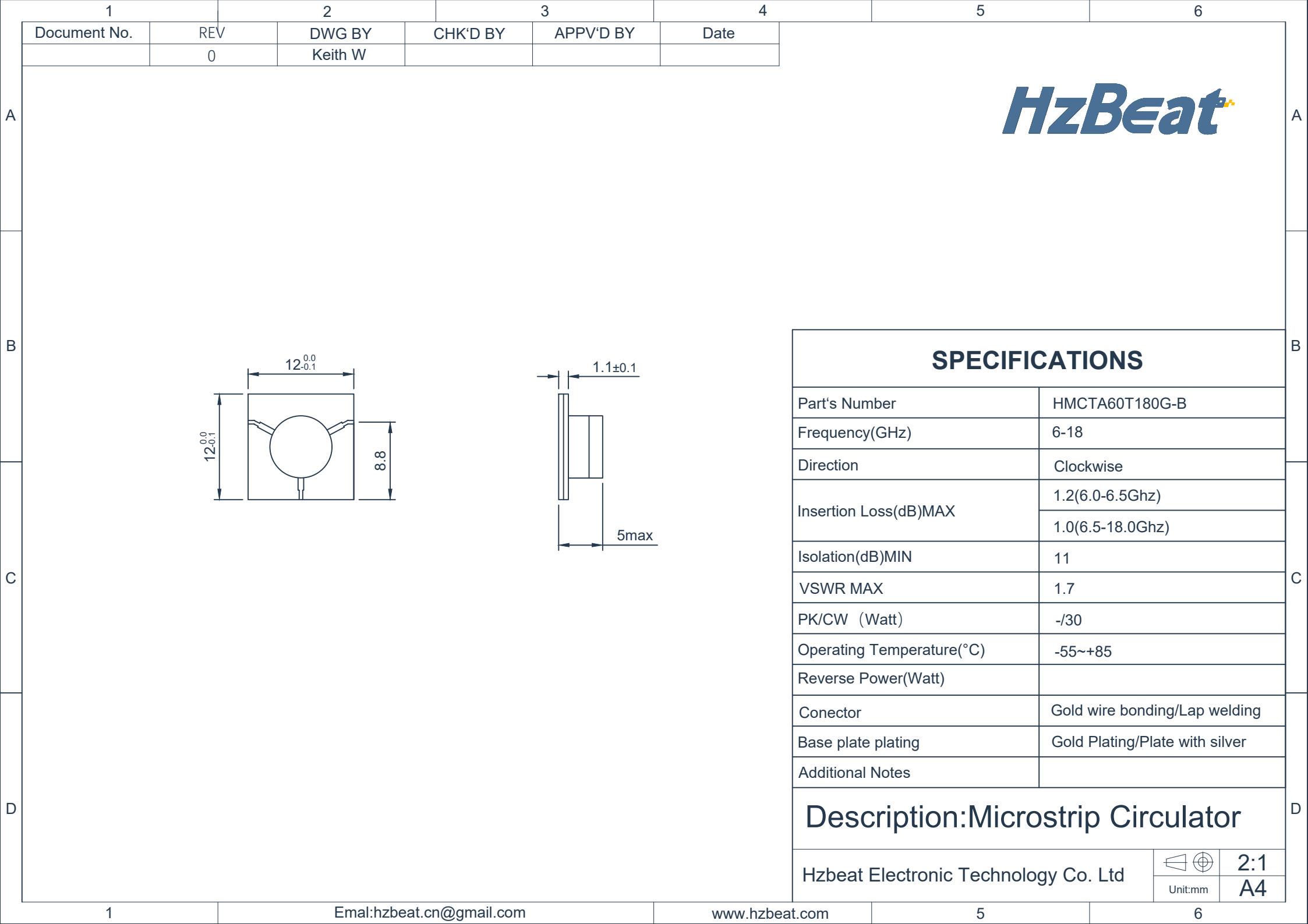
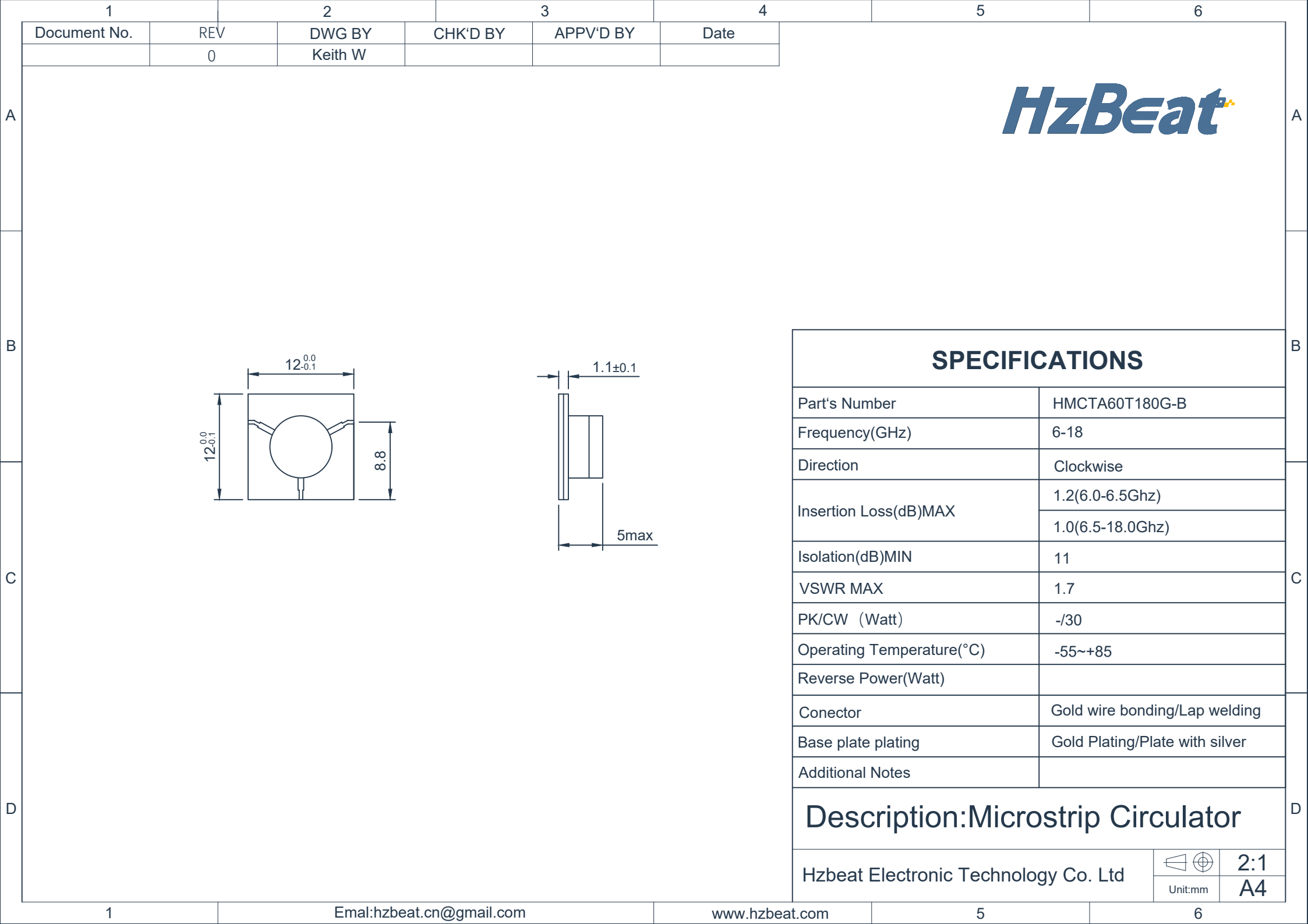
SPECIFICATIONS

Part's Number	HMCTA60T180G-B
Frequency(GHz)	6-18
Direction	Clockwise
Insertion Loss(dB)MAX	1.2(6.0-6.5Ghz) 1.0(6.5-18.0Ghz)
Isolation(dB)MIN	11
VSWR MAX	1.7
PK/CW (Watt)	-/30
Operating Temperature(°C)	-55~+85
Reverse Power(Watt)	
Conector	Gold wire bonding/Lap welding
Base plate plating	Gold Plating/Plate with silver
Additional Notes	

Description:Microstrip Circulator

Hzbeat Electronic Technology Co. Ltd		2:1
	Unit:mm	A4

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The figure displays two technical drawings of the HMCTA60T180G-B microstrip circulator. The top drawing is a plan view showing a square footprint with side lengths of $12^{+0.0}_{-0.1}$ mm. A central circular pad is visible, surrounded by four bond wires connecting it to the corners of the square. The overall height of the component is indicated as 8.8 mm. The bottom drawing is a side elevation showing the component's profile. It has a total thickness of 1.1 ± 0.1 mm. The base of the component extends to a maximum length of 5 mm from one edge.

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Top View Dimensions:
Overall Width: $12^{+0.0}_{-0.1}$ mm
Overall Height: $12^{+0.0}_{-0.1}$ mm
Central Feature Diameter: 8.8 mm

Side View Dimensions:
Thickness: 1.1 ± 0.1 mm
Maximum Length: 5 max mm

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