

Drop-in circulators / isolators

Shielded type isolators (1.5 to 2.7GHz : Shape CB)

Specifications

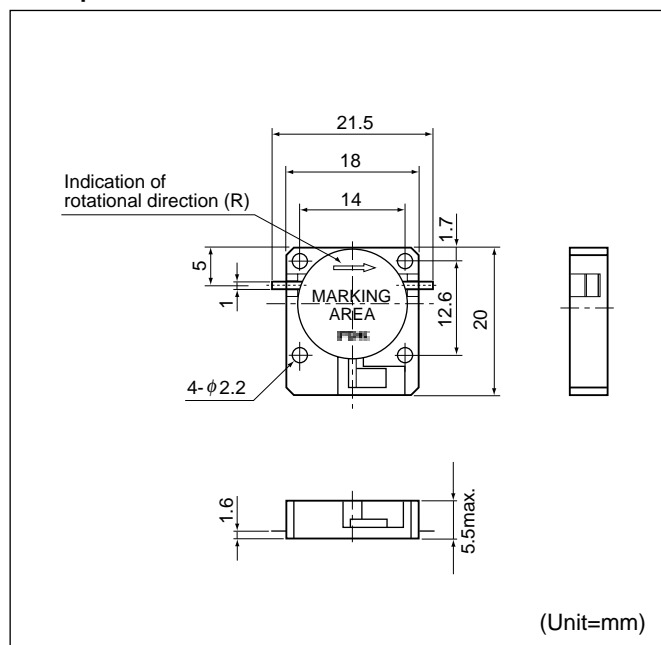
Part No.	Frequency range (MHz)	Isolation (dB)min.	Insertion loss (dB)max.	Reflection loss (dB)min.	V.S.W.R. (50Ω)max.	Handling power (W.CW)	Power absorption (W.CW)	Operating temp. range (°C)	Document No. MW-C-○○○
CB-□1489024H181	1477 ~ 1501	20	0.35	21	1.2	80	30	-20 ~ +80	133
CB-□1907031H182	1892 ~ 1923	20	0.35	21	1.2	80	30	-20 ~ +80	131
CB-□1960060H181	1930 ~ 1990	20	0.35	21	1.2	80	30	-20 ~ +80	130
CB-□2120140H181	2050 ~ 2190	18	0.4	18	1.3	80	30	-20 ~ +80	132
CB-□2640040H181	2620 ~ 2660	20	0.35	21	1.2	80	30	-20 ~ +80	137

Remarks □: Rotational direction

Customized specifications [FDK designs and manufactures customized products of the center frequency range shown below (refer to the following characteristic examples)].

Center frequency (GHz)	Bandwidth (MHz)	Isolation (dB)min.	Insertion loss (dB)max.	Reflection loss (dB)min.	V.S.W.R. (50Ω)max.	Handling power (W.CW)	Power absorption (W.CW)	Operating temp. range (°C)	Document No. MW-C-○○○
1.8 ~ 2.6	50	20	0.35	21	1.2	80	30	-20 ~ +80	129
1.8 ~ 2.6	100	18	0.4	18	1.3	80	30	-20 ~ +80	129

Shapes and dimensions



Naming of part number

CB- □ 1907 031 H 18 1

① ② ③ ④ ⑤ ⑥ ⑦

- ① Generic code for shielded type
- ② Rotational direction
(R = Clockwise, L = Counterclockwise)
- ③ Center frequency (Unit = MHz)
- ④ Frequency bandwidth (Unit = MHz)
- ⑤ Input and output terminal type
(H = with silver plated copper tab)
- ⑥ Shape
- ⑦ Development No.