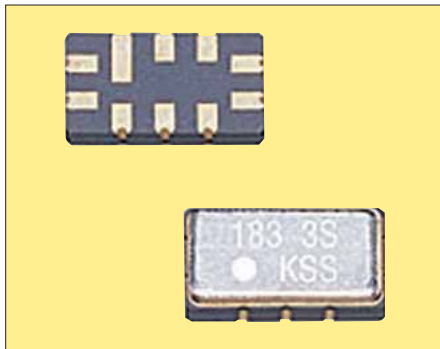


**Pb Free**

RoHS Conforming

Features

- Compact and thin.
- Wide-Band IF filter for CDMA.
- Excellent group delay distortion characteristics.
- Balance connection type of input and output is available.
- Automatic pick-and-place, reflow soldering.
- A lead free product.

Standard Frequencies

- 183.6MHz

How to Order

MSF B 55 - 183 - 001M 0

① ② ③ ④ ⑤ ⑥

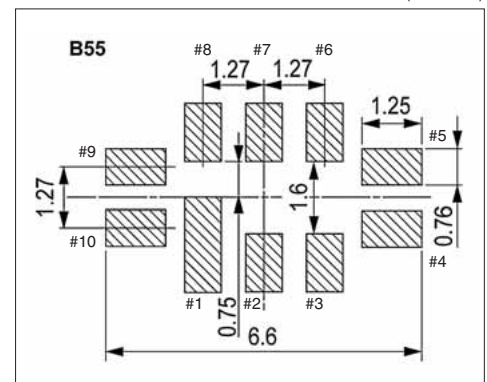
- ①MSF..... Monolithic SAW Filter
(Quartz Crystal)
- ②B..... Seam weld type
- ③55..... Package Number (01, 02.....)
- ④183..... Nominal Frequency
- ⑤001M..... Pass Bandwidth 1MHz
- ⑥0..... Sub-Number

Specifications

Item	Unit	Conditions	Specifications	
Nominal Frequency	MHz	—	183.6	
Operating Temperature Range	°C	−30~+80	—	
Storage Temperature Range	°C	−40~+85	—	
Pass Bandwidth	kHz	−5dB	±650	±615 MIN.
Ripple	dB	fo±300kHz	0.3 *	1.0 MAX.
Insertion Loss	dB	Minimum loss	8.0 *	10.5 MAX.
Guaranteed Attenuation	dB	Fo±900kHz	−900/40 *	33 MIN.
			+900/40 *	33 MIN.
		Fo±1.25MHz	−1.25/39 *	33 MIN.
			+1.25/40 *	33 MIN.
Group Delay Deviation	ns	fo±300kHz	250 *	500 MAX.

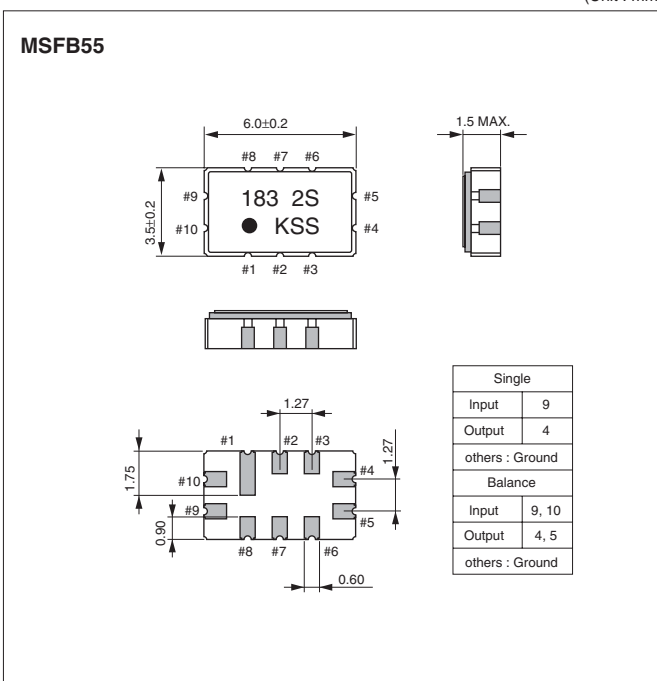
* : Typ.

Recommended Land Pattern (Unit : mm)



Dimensions

(Unit : mm)



Test Circuit

