



SPECIFICATIONS

1 General

Part Number	Description
100M08B	100MHz Monolithic Crystal filter, SMD package

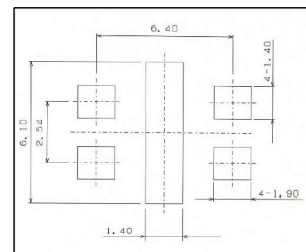
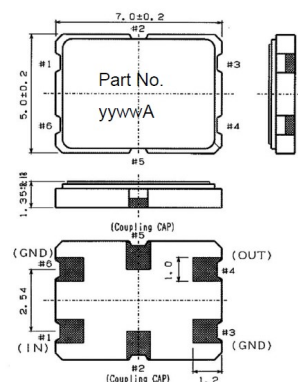
2 Revision History

Revision	Released	Revision Detail
R1	2020-3-27	Initial Release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	100
Insertion Loss (dB)	≤3.0
Bandwidth at -3dB (kHz)	≥±3.75
Ripple Within Pass Band (dB)	≤1.0
Stop bandwidth at 25 dBc Attenuation (kHz)	≤±15
Maximum input level (dBm)	+5
Terminating impedance (Ω//pF)	700// -1.0 (Tentative Value)
Insulation resistance at DC 100V (MΩ)	500
Operation Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-45 ~ +85
Package Size (mm)	7.2x5.0x1.5 (6 pads)

LAND PATTERN



PIN CONNECTIONS

pin #1	Input
pin #2	Cc
pin #3	GND
pin #4	Output
pin #5	Cc
pin #6	GND

Marking: Line1: Part Number

Line 2: Data Code, yywwA