



SPECIFICATIONS

1 General

Part Number	Description
45S100D50	45MHz crystal filter, DIP package

2 Revision History

Revision	Released	Revision Detail
R1	2019-11-04	Initial release

3 Electrical Specification

Item	Typical
Nominal Frequency (Fc, MHz)	45
Insertion Loss (dB)	≤4.5
Ripple within Pass band (dB)	≤1.0
Bandwidth at -1dB (kHz)	100
Bandwidth at -45 dB Attenuation (kHz)	200
Bandwidth at -60 dB Attenuation (kHz)	300
Ultimate Rejection (dB)	75
I/O Impedance (Ω)	50
Input Level (max, no damage, dBm)	10
Operation Temperature (°C)	-40 ~ +80
Storage Temperature (°C)	-45~85
Package Size (mm)	38x19x10

