

Monolithic Crystal Filters

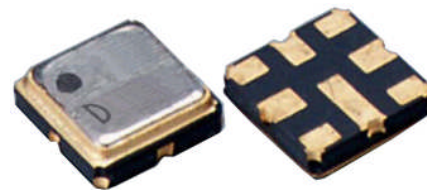
MCF 3838

19.0MHz to
250.0MHz

Features ◆Dimensions:3.8*3.8*0.9mm

◆RoHS Compliant

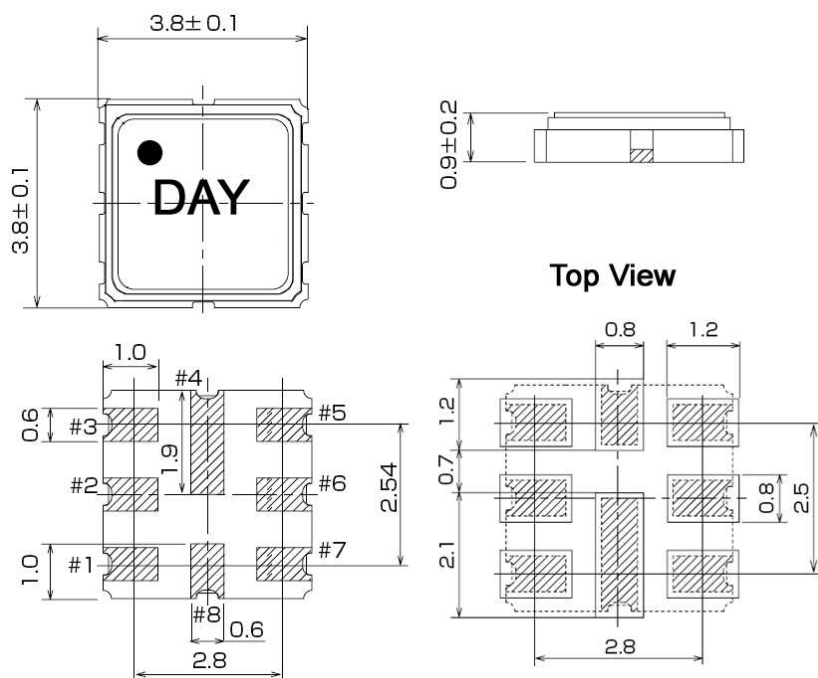
◆No. of poles:2,3



Electrical Specifications

P/N	Nominal Frequency (MHz)	No. of Pole	Pass bandWidth (KHz/dB)	Ripple (dB) Max	Insertion Loss (dB) Max	Stop Bandwidth (KHz/dB)	Termination Impedance (Ω//pF)	Operating Temperature (°C)	Guaranteed Attenuation (dB) Min	Mode
38DY45A	45.000M	2	±7.5/3	1.0	3.5	±25/15	650//1.5	-20~+70/-40~+85	70	Fund
38DY45B	45.000M	2	±15/3	1.0	3.0	±60/15	800//1.5	-20~+70/-40~+85	70	Fund
38DY6144A	61.440M	2	±6/3	1.0	3.0	±60/30	650//1.5	-20~+70/-40~+85	70	Fund
38DY6945A	69.450M	2	±7.5/3	1.0	4.5	±25/15	400//4	-20~+70/-40~+85	70	Fund
38DY7335A	73.350M	3	±6/3	1.0	4.5	±25/20	400//1	-20~+70/-40~+85	70	Fund
38DY7335B	73.350M	3	±6.5/3	1.0	3.5	±20/18	380//1	-20~+70/-40~+85	70	Fund
38DY130A	130.000M	2	±14/3	1.0	3.5	±50/15	740//1.2	-20~+70/-40~+85	70	3rd
38DY130B	130.000M	3	±15/3	1.0	5.0	±50/20	740//1.2	-20~+70/-40~+85	70	3rd
38DY130C	130.000M	3	±15/3	1.0	5.0	±60/24	850//0.6	-20~+70/-40~+85	70	3rd
38DY13005A	130.050M	3	±14/3	1.0	3.0	±50/20	950//1.2	-20~+70/-40~+85	70	3rd

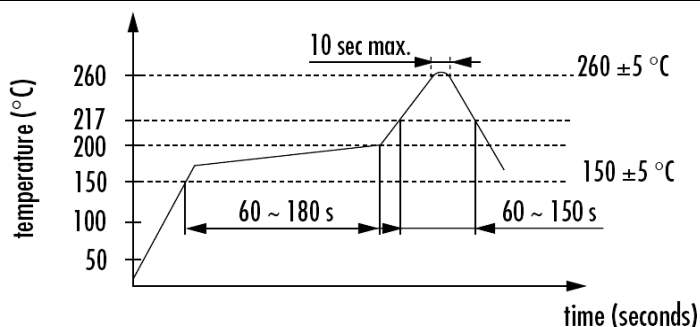
Dimensions



Pin	Connection
#1	INPUT.
#2	GND
#3	GND
#4	GND
#5	OUTPUT
#6	GND
#7	GND
#8	GND

Unit:mm

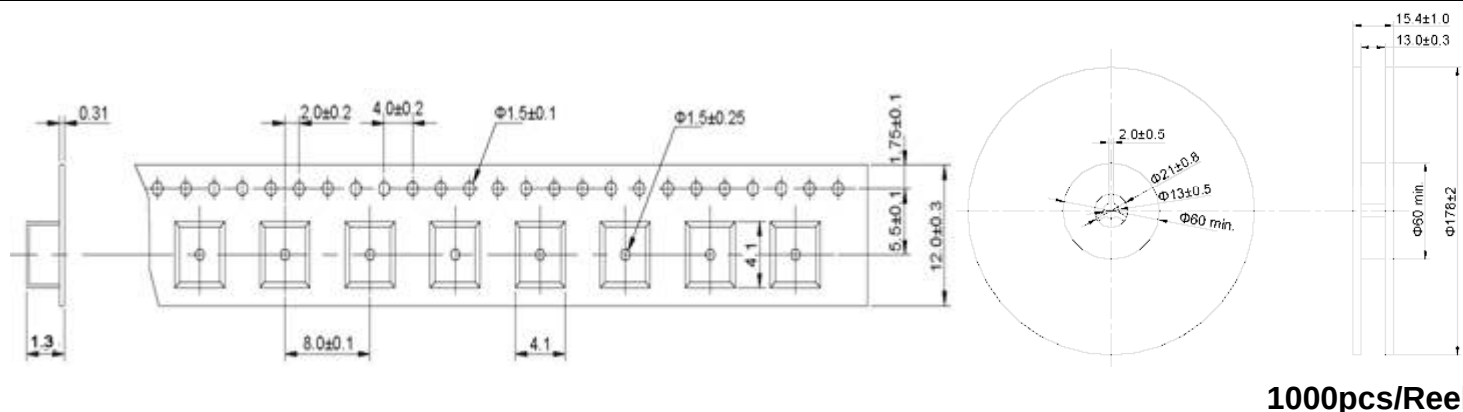
Reflow Soldering Profile



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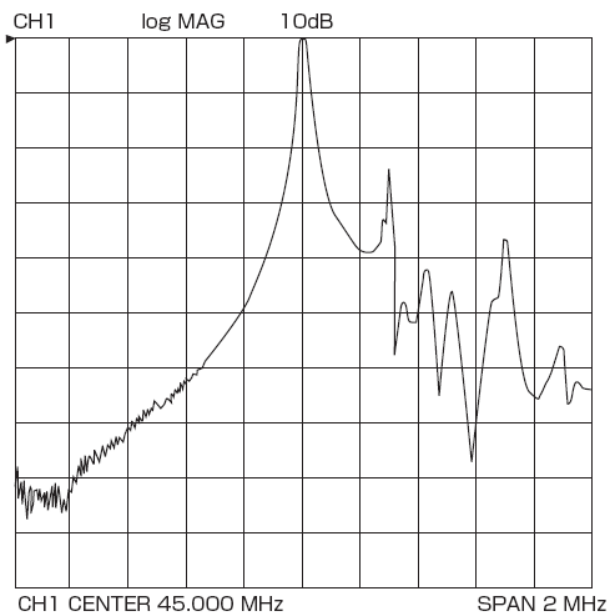
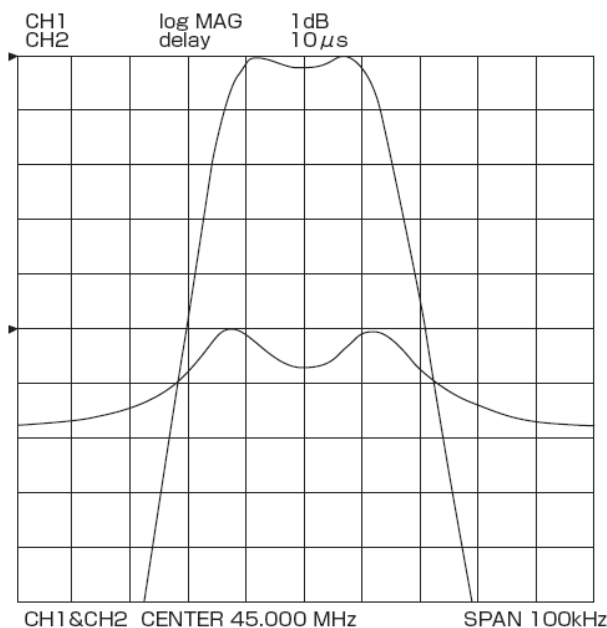
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Taping Specification

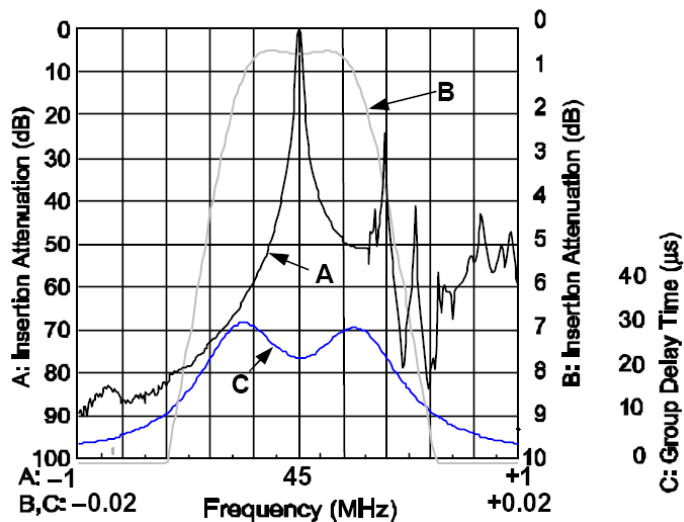


Characteristics Chart

38DY45B



38DY45A



38DY13005A

