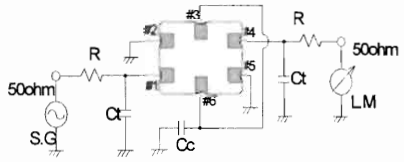
MONOLITHIC CRYSTAL FILTER SPECIFICATION

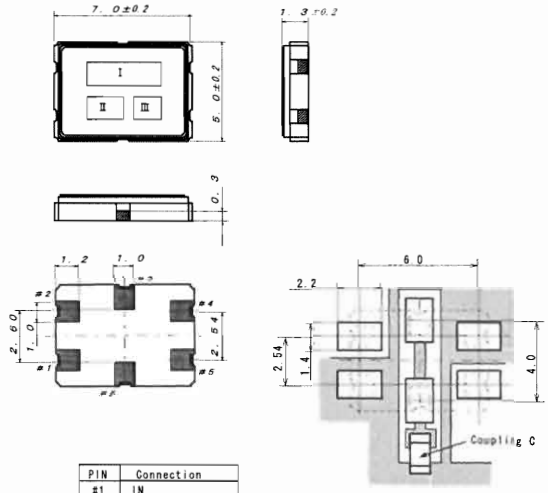
1.MODEL	D49915GQ
2.PARTS NUMBER(USER)	
3.TYPE	DSF753SBF(4POLE)
4.ELECTRICAL PERFORMANCES	
4-1.Nominal Frequency	49.950 MHz （Fundamental）
4-2.Passband Width	+/-7.5 kHz MIN./ 3dB
4-3. Stopband Width	+/- 25.0 kHz MAX./ 35 dB
4-4. Insertion Loss	4.0 dB MAX./ (MINIMUM LOSS)
4-5. Ripple	1.0 dB MAX.
4-6. Guaranteed Attenuation	80 dB MIN./(f0- 1000kHz to –900kHz)
4-7.Spurious Response	35 dB MIN.
4-8.Maximum Inputlevel	-10 dBm
4-9.Terminal Impedance	400 ohm+/-10% 4.5 pF+/-0.5pF
4-10.Insulation Resistance	500 M ohm MIN. / DC 100V （Between Case and IN/OUT Terminal）
4-11.Operating Temperature Range	-20 to +70 deg.C

5.TEST CIRCUIT



R= 350 ohm
Ct= 4.5 pF(floating capacity included)
Cc= 14.0 pF(floating capacity included)

6.Dimensions



PIN	Connection
#1	IN
#2	GND
#3	Connect With #6
#4	OUT
#5	GND
#6	Connect With #3

7.Marking

（ Ⅰ ）Model
（ Ⅱ ）Maker
（ Ⅲ ） Manufactured Year Month(*1)

(*1)Year The last digit of the year of the Christian Era should be corresponded to the Arabic figures.

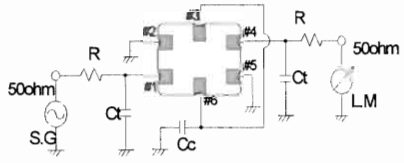
JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
A	B	C	D	E	F	G	H	J	K	L	M

				DWG. No.
		DATE	2009/6/9	

MONOLITHIC CRYSTAL FILTER SPECIFICATION

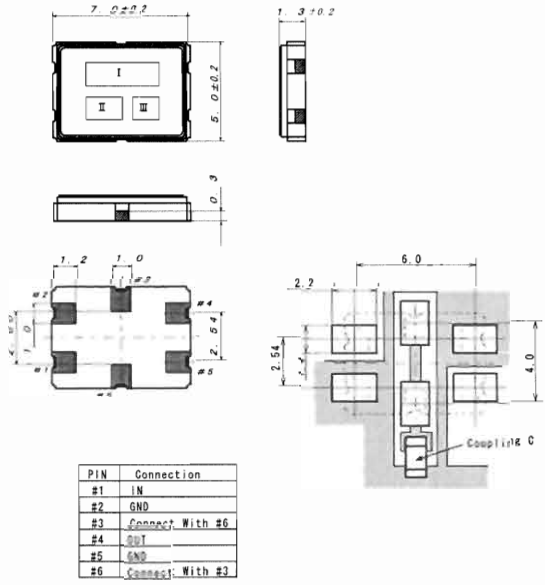
1.MODEL	D49912GQ
2.PARTS NUMBER(USER)	
3.TYPE	DSF753SBF(4POLE)
4.ELECTRICAL PERFORMANCES	
4-1.Nominal Frequency	49.950 MHz （Fundamental）
4-2.Pass Bandwidth	+/- 6.0 kHz MIN./ 3dB
4-3. Stop Bandwidth	+/- 25.0 kHz MAX./ 45 dB
4-4. Insertion Loss	4.0 dB MAX./ (MINIMUM LOSS)
4-5. Ripple	1.5 dB MAX.
4-6. Guaranteed Attenuation	82 dB MIN./(f0- 1000kHz to –900kHz)
4-7.Spurious Response	40 dB MIN.
4-8.Maximum Inputlevel	-10 dBm
4-9.Terminal Impedance	350 ohm+/-10%
	9.0 pF+/-0.5pF
4-10.Insulation Resistance	500 M ohm MIN. / DC 100V
	（Between Case and IN/OUT Terminal）
4-11.Operating Temperature Range	-20 to +70 deg.C

5.TEST CIRCUIT



R= 300 ohm
Ct= 9.0 pF(floating capacity included)
Cc= 17.0 pF(floating capacity included)

6.Dimensions



PIN	Connection
#1	IN
#2	GND
#3	Connect With #6
#4	OUT
#5	GND
#6	Connect With #3

7.Marking

(Ⅰ)Model
(Ⅱ)Maker
(Ⅲ) Manufactured Year Month(*1)

(*1)Year The last digit of the year of the Christian Era should be corresponded to the Arabic figures.

JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
A	B	C	D	E	F	G	H	J	K	L	M

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