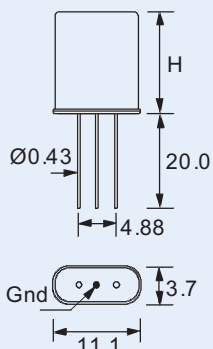


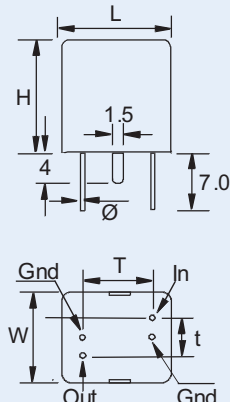
## 25kHz Channel Spacing

Case 49/M and 49/M2



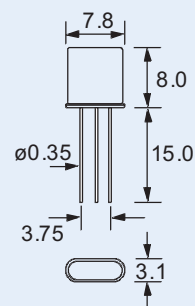
Outline and Dimensions

Case C1,D1,E1,D2,E2



Outline and Dimensions

UM-1



Outline and Dimensions

Case	H
49/M	11.2
49/M2	9.5

Case	L	W	H	T	t	Ø
C1	15	12	15	9	5	0.43
D1	18.5	12	15	13.4	5	0.43
E1	23	12	15	17.8	5	0.43
D2	11	8.5	11.5	7.4	4	0.3
E2	13.5	8.5	11.5	9.8	4	0.3

### MCF 25kHz Channel Spacing

Part Number	Nominal Frequency (MHz)	Poles	3dB Bandwidth (kHz)	Ripple (dB)	Insert. Loss (dB)	Stop B/W (kHz/dB)	Guaranteed Attenuation (dB/kHz)	Terminating Impedance (kΩ/pF)	Case Style
10G15A	10.7	2	±7.5	0.5	2.0	±25/18	35/+300~+1,000 40/-200~-1,000	3//2	49/M
10G15B	10.7	4	±7.5	1.0	2.5	±25/40	65/+300~+1,000 80/-200~-1,000	3//2	49/M x2
10G15C	10.7	6	±7.5	2.0	3.0	±25/65	65/±25~±300	3//1.5	C1
10G15D	10.7	8	±7.5	2.0	4.0	±20/90	90/±25~±300	3//1.5	D1
10M15E	10.7	10	±7.5	2.0	4.5	±25/90	90/±20~±300	3//1.5	E1
21M15A	21.4	2	±7.5	0.5	1.5	±25/90	35/±350~+1,000 50/-200~-1,000	1.5//3	UM1 -3
21M15B	21.4	4	±7.5	1.0	2.0	±25/40	65/+350~+1,000 80/-200~-1,000	1.2//2.5	UM1-3 x2
21M15C	21.5	6	±7.5	2.0	2.5	±25/65	65/±25~±300	1.52//3	D2
21M15D	21.6	8	±7.5	2.0	3.0	±25/90	90/±25~±300	1.5//2	D2
21M15E	21.7	10	±7.5	2.0	4.0	±20/90	90/±20~±300	1.5//2	E-2