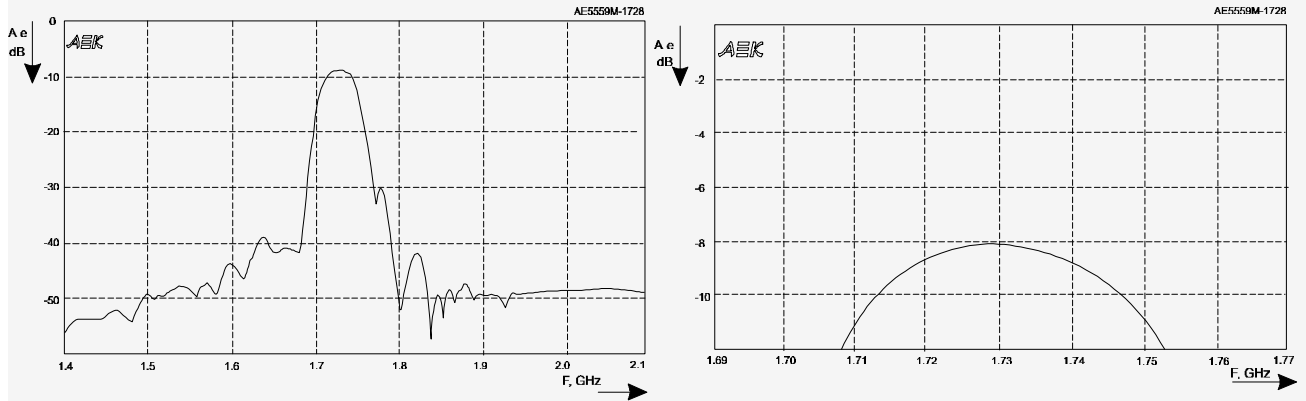


# Low Loss 1.728 GHz SAW Filter

33 MHz bandwidth  
AEC Part Number AE5559M-1728.0

## Typical response



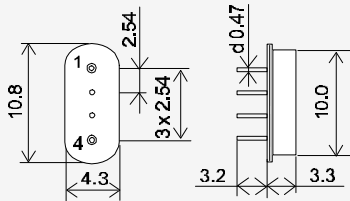
## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	1727.0	1728.0	1729.0
Insertion loss	dB	7	8	9
Bandwidth @ -3dB	MHz	30.0	33.0	34.0
Bandwidth @ -30dB	MHz	95	100	105
Passband variation	dB	0.3	0.5	1.0
Group delay variation	nsec	-	3	5
Substrate material	-	-	64 LNO	-
Temperature range	°C	-55	-	85

Note: Ambient temperature  $T_a = 22.5$  C

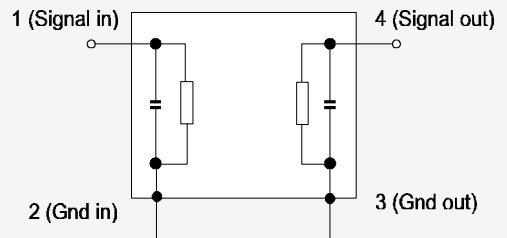
## Package outline

### SIP 4M package



Dimensions in mm  
Approx. weight 0,8 g

## Matching configuration



$Z_{in} = Z_{out} = 50$  Ohm  
No matching required