

# Earphone Elements • • •



1761

Controlled Magnetic (Fixed Coil) – Varying current is applied to the “electrical motor” assembly changing the magnetic force at the pole tip of the magnet assembly. This results in a change of force applied to the armature of the diaphragm assembly, causing the diaphragm to vibrate thus creating a sound output.



1898

Dynamic (Moving Coil) – Operates on the same principles as the controlled magnetic type receiver, the difference being that the coil actually moves with the diaphragm.

A varistor can be added to most receiver elements to provide hearing protection by limiting the maximum output of the receiver element. In many cases, a suffix V is added to the part number.



2288V

Standard elements have an impedance of 150 ohms. Other impedances are available for most elements. An alpha character prefix in the part number indicates optional impedance.



1591

Non-Hearing Aid Compatible Elements (partial listing):

1761  
1761V  
1898  
2326  
2444  
2444V



6447

Hearing Aid Compatible Elements (partial listing):

2463  
2463V  
2212  
2212V  
2288V



7949

Specialty Elements (partial listing):

1591 (Commercial Equivalent to TA-235/PT)  
6447  
7949 Series

Please contact us to discuss your specific requirements.