



**MICROPHONE AND RECEIVER ELEMENTS
FORMILITARY COMMUNICATION EQPT.**



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Seoul International Co., offers complete range of Dynamic, noise-cancelling microphone/earphone elements for clear, crisp communications and RFI shielded for increased reliability and superior quality for almost all models of tactical handsets, headsets and crewman helmets used as accessories for various types of tactical radios. We can also produce these elements for custom applications. All elements are manufactured to U.S. Military standards and conforming to NSN specifications. SIC has a reputation for manufacturing microphones and receivers for use where a reliable rugged construction is of paramount importance.

<p>TA-117/PT TX ELEMENT FSN : 5965-925-5112</p> 	<p>Type: Carbon Granule Sensitivity: -52 +- 5dB (1Khz) Impedance : 35 ohm +1 3.5 ohm Frequency Range : 300~ 4,000 Hz Noise : less than 96dB Termination : Contact Ring Dimensions(inch) : Dia 1.799 Weight:18.3g Ambient Temperature Range : -40 F ~150 F Humidity : Max 95% RH Applications :TA-291, TA-236, TA-312/PT, H-60/PT</p>	<p>TA-235/PT RX ELEMENT FSN : 5965-549-0220</p> 	<p>Type : Electro Magnetic Sensitivity : 116db Impedance : 150 ohm +- 10%(1Khz) Frequency Range : 500 ~ 3,200Hz Termination : Screw (6~40UNF-2A) Weight : 52.3g Dimensions(inch) : dia 1.807 Ambient Temperature Range : -40 F ~ 150 F Humidity : Max 95% RH Applications : Type 500 & TA-312/PT, TA-291, TA-236/PT, H-60/PT</p>	
<p>H-189/GR MIC ELEMENT FSN : 5965-933-6896 P/N : SM-C-544246</p> 	<p>Type : Dynamic Sensitivity : More Than -56 dB(1Khz) Impedance : 150 ohm +- 30 ohm(1Khz) Frequency Range : 0.3 ~ 3.5Khz Termination : Contact pin 1.2 Dimensions(mm) : 34.9 x 19.7 Weight : 37.8g Ambient Temperature : -20 C ~ 60 C Humidity : Max 95% RH Applications :Hand set H-189/GR, AN/PRC/77 25</p>	<p>H-189/GR EARPHONE ELEMENT FSN : 5965-933-6897 P/N : SM-C-544262</p> 	<p>Type : Dynamic Sensitivity : 105 +1 3dB(1Khz) Impedance : 1,000 ohm +- 200 ohm(1Khz) Frequency Range : 0.3 ~ 3.5Khz Insulation Resistance : < 1MOhm(DC 100V) Termination : Contact pin 1.2 Dimensions(mm) : 41.2 x 13.1 Weight:50.8g Ambient Temperature : -20 C ~ 60 C Humidity : Max 95% RH Applications : Hand set H-189/GR, AN/PRC/77 25</p>	
<p>M-80/GR MIC ELEMENT FSN : 5965-252-5800</p> 	<p>Type : Dynamic Sensitivity : More Than -56 dB(1Khz) Impedance : 150 ohm +- 30 ohm(1Khz) Frequency Range : 0.3 ~ 3.5Khz Termination : Contact pin 1.2 Dimensions(mm) : 26.2 x 12.4 Weight : 12.3g Ambient Temperature : -20 C ~ 60 C Humidity : Max 95% RH Application: Microphone Hand M-80/GR</p>	<p>TA-121/PT MIC ELEMENT FSN : 5965-341-9312</p> 	<p>Type : Electro Magnetic Sensitivity : More than 18dB(1Khz) Frequency Range : 0.3 ~ 4KHz Impedance : 600 ohm +- 60 ohm (1Khz) Termination : Contact Ring Weight : 59.5g Dimensions(inch) : 51.0 x 20 Ambient Temperature : -20C ~ 60C Humidity : Max 95% RH Applications : TA-1/PT, Radio Set AN/PRC-6</p>	
<p>TA-118/PT EARPHONE ELEMENT FSN : 5965-341-9311</p> 	<p>Type : Electro Magnetic Sensitivity : More than 94dB(1Khz) Frequency Range : 0.3 ~ 4KHz Impedance : 600 ohm +- 60 ohm (1Khz) Termination : Contact Ring Weight : 57.5g Dimensions(inch) : 51.0 x 18 Ambient Temperature : -20C ~ 60C Humidity : Max 95% RH Applications: TA-1/PT, Radio Set AN/PRC-6</p>	<p>M-116 MIC ELEMENT FSN : 5965-988-8770</p> 	<p>Type : Dynamic Sensitivity : More Than -56 dB(1Khz) Impedance : 150 ohm Frequency Range : 300 ~7000 Hz Distortion : Less than 5% Altitude Compensation : 50,000ft Temperature : -62 C ~ +70 C Mil Spec: MIL M-55198A Humidity : Max 95% RH Application: M-116/G</p>	
<p>H-207 MIC ELEMENT P/N : SM-C-415599</p> 	<p>Type : Dynamic Sensitivity : 105 +- 3dB(1Khz) Impedance : 1000 ohm +- 60 ohm (1Khz) Frequency Range : 0.3 ~ 3.5KHz Insulation Resistance : < 4MHz (DC 100V) Termination: Lead wire with lug Wt: 54g Dimensions(mm) :45.3 pie x 13.8 Ambient Temperature : -20C ~ 60C Humidity : Max 95% RH App: H-207/VRC</p>	<p>M-138G MIC ELEMENT FSN : 5965-937-1851</p> 	<p>Type : Dynamic Sensitivity : > -56 dB(1Khz) Impedance : 150 ohm +- 15 ohm(1Khz) Frequency Range : 0.3 ~ 3.5KHz Termination : Screw (2-56unc) Plug Hole dia 2.1 Dimensions(mm) : 28.6 x 54.6 x 18.2 Weight : 18g Temperature : -40 F ~ 150 F Humidity : Max 95% RH Application: Crew Man's Radio Helmet, MK-1039/G, MK-1697/G</p>	
<p>M-113/U MICROPHONE ELEMENTS</p> 	<p>P/N M-113/U Type : Dynamic Frequency : 200 ~5000 Hz Sensitivity : 2.5~5 mV Impedance: 5.7 ohm+-20hm Altitude Compn: 50,000ft Temperature : -54 C ~+55 C Mil Spec: MIL M-55516 FSN : 5965-900-8102</p>	<p>P/N M-101/AIC Type : Dynamic Frequency : 200 ~6000 Hz Sensitivity : 2.5~5 mV Impedance : 7 ohm +-2 Ohm Altitude Compn: 50,000ft Temperature : -54 C ~+55 C Mil Spec: MIL M-26542/4 FSN : 5965-843-9957</p>	<p>P/N M-111D Type : Dynamic Frequency : 200 ~6000 Hz Sensitivity : 2.5~5 mV Impedance : 6 ohm +-1 Ohm Altitude Compn: 50,000ft Temperature : -62 C ~+85 C Mil Spec: FSN : 5965-761-5115</p>	<p>P/N M-95B/UR Type : Dynamic Frequency : 300 ~4000 Hz Sensitivity : 51.5Db+- 3 Impedance : 5 ohm +-1 Ohm Altitude Compn: 15,000ft Temperature : -62 C ~+71 C Mil Spec: MIL M-22179</p>
<p>M-139/G EARROPHONE ELEMENTS</p> 	<p>M-139/1 (MIL# H-143/AIC) Type : Dynamic Sensitivity : 105dB(1Khz) Frequency : 100 ~ 5500 Hz Impedance : 19 ohm (1Khz) Termin : Screw (2-56unc) Dimens(mm) : 50.4 x 13.2 Temperature : -55C ~ 71C As per : MIL-E-25670 FSN : 5965-615-0104</p>	<p>M-139/2 (MIL# H-143/AIC) Type : Dynamic Sensitivity : 105dB(1Khz) Frequency : 300 ~ 4000 Hz Impedance : 300 ohm (1Khz) Termin : Screw (2-56unc) Dimens(mm) : 50.4 x 13.2 Temperature : -120F ~150F As per : N/A FSN :</p>	<p>M-139/3 (MIL# H-143/AIC) Type : Dynamic Sensitivity : 105dB(1Khz) Frequency : 100 ~ 5000 Hz Impedance : 600 ohm (1Khz) Termin : Screw (2-56unc) Dimens(mm) : 50.4 x 13.2 Temperature : -55C ~ 71C As per : MIL-E-25670 FSN :</p>	<p>M-139/4 Type : Dynamic Sensitivity : 105dB(1Khz) Frequency : 100 ~ 3500 Hz Impedance : 1000 ohm(1Khz) Termin : Screw (2-56unc) Dimens(mm) : 50.4 x 13.2 Temperature : -120F ~150F As per : MIL-H-49161 FSN : 5965-135-0506</p>