

**NEW****6 POLE****NEW**

# **Attachable® Anderson Socket**

## **with EcoNose®**

### **400 Hz 115/200VAC Connector**

Make new or repair cable assemblies with the Rugged “Grabber Contact” ATTACHABLE® Plugs for lowest cost and longest life.



- Longer lasting than ordinary plugs or noses
- Extra safety and durability built in
- Service proven with major airlines
- Approved by US military and listed on QPL

**Attachable® Socket R67GxxE**

## **EcoNose-A**



**Attachable® Socket with EcoNose®  
R67GxxEEN**

### **FEATURES/BENEFITS**

By replacing the severe wear area in a ground power socket with a super tough high density (HD) polymer, the life of a cable assembly is significantly increased.

- Reduces wear on the plug nose and contacts
- Protects plug contacts from deformation
- HD polynose can be changed in 60 seconds on the ramp for quick return to service
- More economical than any other wear nose
- Compatible with all aircraft
- The super tough nose plate is recyclable thus minimizing the effect on the environment.

xx - designates model number

**ANDERSON AIRMOTIVE PRODUCTS Co., Inc.**

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**® Eco-Nose is a registered trademark of Anderson Airmotive Products Co., Inc.**

**® Attachable is a registered trademark of Anderson Airmotive Products Co., Inc.**

## TECHNICAL DATA:

Compatible with all aircraft according to AS7974, ISO461-1, ISO461-2, VG953/9, MS 25486 and VG85211

Abrasion resistance per ASTM D1630-83 and AS7974

Chemical resistance per MIL-L-23699, MIL-T-5642, AS7974

Ozone resistance per ASTM D1149, AS7974

Finger proof contacts per UL 1977, EN 1175, VL 1950

Peak load of 700A per AS 7974, ISO461-1 and ISO461-2 for 3 min.; 1500A for 1 minute

Full load at 350A/90 KVA continuous per AS7974

Resistance to humidity and salt atmosphere per MIL-STD202, AS7974, ISO461-1, ISO461-2

Operating temperature -65°C to 125° (-60° to 257°F)

Protection class IP65 mounted connector

Push/Pull forces per AS7974, DIN EN 61984  $\leq 445\text{N}$  (100 lbs)

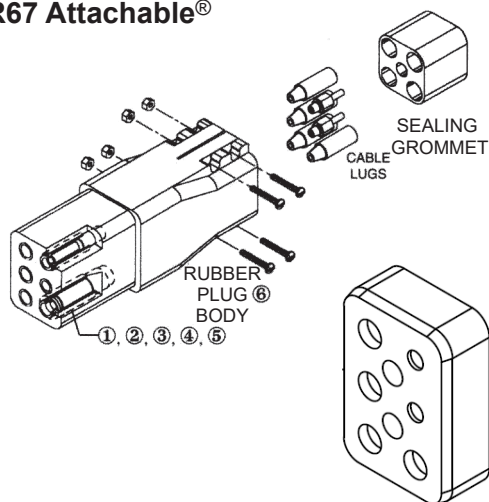
Mates to AS90362 Receptacle; R112 Portable Attachable® Receptacle

Test voltage 4KV

Weight 2Kg (4.5 lbs)

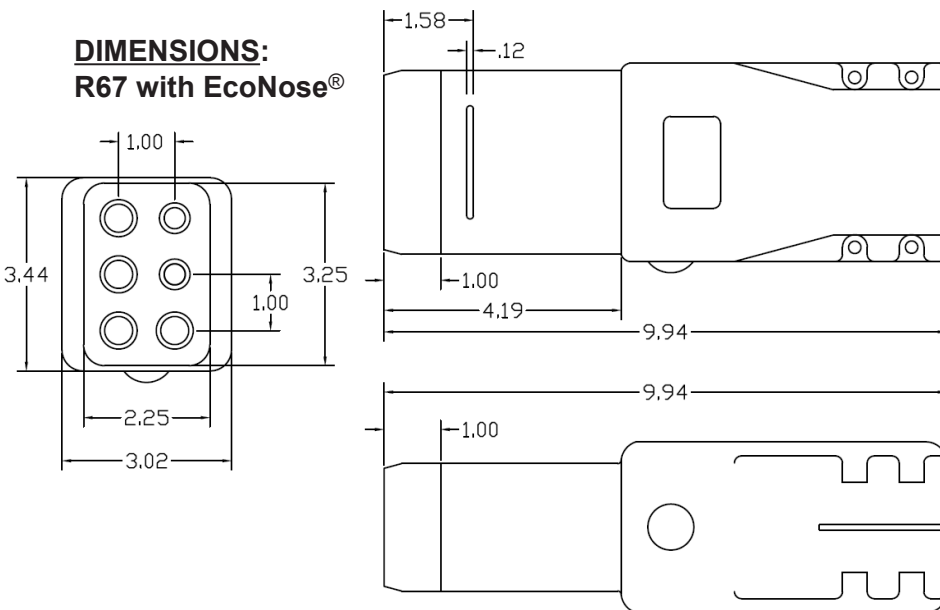
## ASSEMBLY:

### R67 Attachable®



## DIMENSIONS:

### R67 with EcoNose®



## SAFETY FEATURES:

1. Fingerproof insulators (per ISO stds) to prevent accidental touching of power contacts.
2. Extra insulation for greater internal hi-pot resistance.
3. Molded-in watertight power contacts will not arc even if wet.
4. Extra tough and long lasting thread lock on lug screws hold tight during cyclic heating and cooling.

## DURABILITY AND RELIABILITY FEATURES:

5. Patent Pending contact system has self aligning contacts that compensate for part to part variations and movement caused by structural loading.
  - Engineered non-corrosive springs insure excellent contact even after thousands of cycles in actual service.
  - Quad beam construction insures good electrical contact even with off-center loads.
  - Gentle lead-in angle protects receptacle pins and promotes long receptacle life.
  - Built-in stress sleeves limit contact deflection.
  - Silver-plated solid copper contacts assure low power loss and lower heat generation.
  - Contact system is designed to eliminate material stress relaxation.
6. Body is made of special hi-grade ozone resistant rubber for superior wear.
  - Connector is engineered for resistance to crushing forces.
  - No special tools required for assembly.

## OPTIONS:

- |                   |                         |  |
|-------------------|-------------------------|--|
| • Microswitch "F" | • Temperature sensing   | • Euro Contact Series "F"                  |
| • EcoNose®        | • Split Control Sensing | • Colors - blue, yellow, green             |
|                   |                         | • Wide range of cables can be accommodated |

## ORDER INFORMATION:

R67Gxx(E)(F)(EN)(T) (xx)Model number  
(T)- Temperature sensing  
(E) Standard Contact  
(F) Euro Contact  
(EN) EcoNose

# DOUBLE SAFETY

## WearNose® Now with EcoNose®



Now more than ever you need the double protection of the Wear Nose DS.

By replacing the severe wear area in the ground power plug the life of the cable assembly is significantly increased.

Protects against overheating and ensures that power cannot flow without proper engagement.

- Made to fit all nose replacements
- High abrasion resistant special rubber
- Waterproof and finger proof
- Reduces wear on the plug nose and contacts
- Easy to maintain and replace

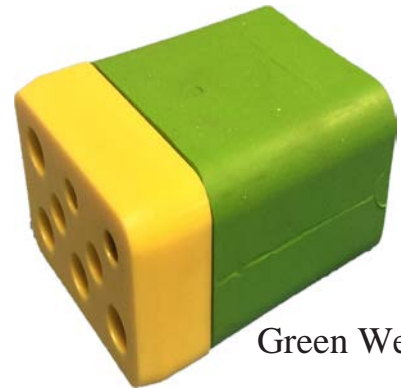
Replacement Nose Order: R901B - Black

R901B – Black

R901BEN – Black with EcoNose®

R901DS - Green with Double Sensing

R901DSEN - Green with Double Sensing and EcoNose®



Green WearNose®

Yellow EcoNose®

Replace your broken noses with the service proven long lasting Anderson EcoNose®

Less rugged noses from other manufactures can have field distress



Anderson's EcoNose®  
Rugged Service Proven  
Performance

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