



**1400 Howard Street  
Elk Grove Village, IL 60007  
Phone: (888) 921-6400  
[www.TUSAINC.com](http://www.TUSAINC.com)**

**March 2013**

**Newsletter**

## **TUSA 2013: New Products, Custom Offerings, Crosses to Obsolete Parts**

**After only three months, 2013 is proving to be a strong year for Transducers USA!**

First, we are enjoying great sales on a newly expanded product line. In fact, Transducers introduced more new products in 2012 than ever before:

- **TRIP-200LB Tonelight Series**  
*Stock in 12V, 24V and 120V. Samples Available*
- **TRTE-5025** 5mm x 5mm 80SPL SMT **Piezo** Transducer
- **KECG2742** IP67 Rated Omni-Directional Microphone
- **MLCT** (Multilayer Cermaic Transmitter) **Speaker**  
*Had over 60 inquiries — the most of any new product introduction!*
- Many additions to our **SMT** offering in the TRSTE Series, including TRSTE-8504, TRSTE-8540, TRSTE-1404 and TRSTE-5030

We've also expanded our offering of custom products to include Terminated Leads and Industrial Temperature.

In other news, Star Micronics and Murata have discontinued many products. Thankfully, Transducers has an extensive cross-reference to many of the more popular products, including Star HMB, PMB, QMB and TMB series — and many others! Be sure to check out our website to find the perfect cross for your obsolete part.

Did you know that Transducers offers a complete line of miniature condenser microphones?

Finally, be aware that sales collateral is available. Let us know if you need a supply.

Don't hesitate to contact me at [pmccormick@tusainc.com](mailto:pmccormick@tusainc.com) or call (888) 921-6400.

**PJ McCormick**  
Sales Engineer

### **TUSA's New Sound Laboratory**

We are extremely excited to tell you about our newest effort to improve customer service, the **TUSA Sound Laboratory**.

Thanks to our new facility, we can now run many tests that our customers require and provide them with extensive technical information about our products or other products they would like analyzed.

Some of the tools and equipment we've recently put in place include:

- Anechoic chamber to test products in a controlled environment.
- Specialized microphones to test products and run performance curves.
- High-performance video microscopes to analyze products and easily communicate issues with our factory about product improvements.
- Extensive DB, SPL, frequency plotting and other specialized lab equipment for audio product analysis.

We can provide complete in-house analysis of any speaker, beeper, buzzer or other audio product you send us. We can also provide extensive analysis of our standard catalog items.

### **TUSA will be at EDS this year ... will you?**

Transducer's management team will be at the Electronic Distribution Show, held May 6-9 at the Cosmopolitan Hotel in Las Vegas.

Be sure to call Ron Rutkowski at (708) 542-7905 to meet up and discuss the ways you can make Transducers your big seller for 2013!



**TUSA'S Sound Laboratory**



**Anechoic Chamber**



**Audio Lab Equipment**





1400 Howard Street  
 Elk Grove Village, IL 60007  
 Phone: (888) 921-6400  
 www.TUSAINC.com

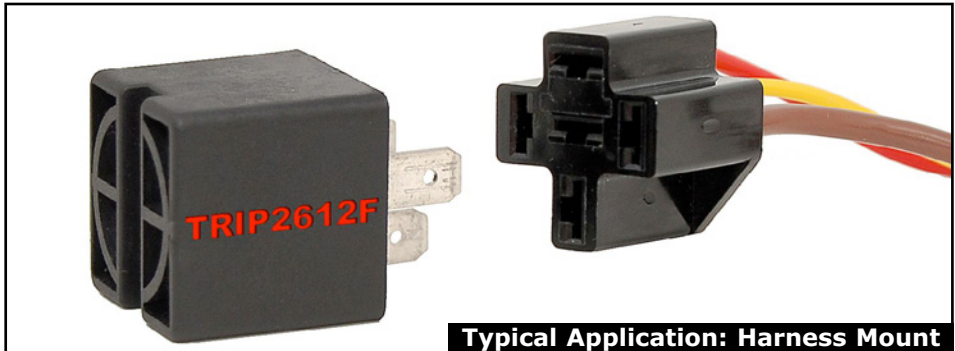
March 2013

Featured Product

# TRIP-2612F

## TUSA's Innovative New Mobile Audio Alarm Mounts in Automotive-Type Relay Sockets & Connectors

Transducers USA's new  
**TRIP 2612F**  
**Automotive-Style**  
**Audio Alarm**  
 mates with automotive  
 sockets and connectors.  
 The perfect solution for  
 your automotive and  
 mobile applications!



Typical Application: Harness Mount

**Part Number:**  
 TRIP-2612F

**Type:**  
 Piezo Automotive Buzzer

**Features:**  
 High Sound Output  
 .250 Quick Connect  
 Terminal  
 Wide Voltage Range  
 Small Size  
 Meets IP67 Standards  
 Mates with Automotive-  
 Type Connectors

**Applications:**  
 Cars & Trucks  
 Golf Carts  
 Off-Road Vehicles  
 Marine Applications  
 Snowmobiles  
 Emergency Vehicles  
 Portable Equipment  
 Personal Watercraft

**Mounting:**  
 Automotive Relay  
 Panel & Connectors  
 PC Board  
 Quick-Connect

PARAMETERS	VALUES	UNITS
Min Sound Pressure Level at 30 CM	90	dBa
Rated Voltage	12	Vdc
Operating Voltage	3-18	Vdc
Resonance Frequency	3,300 to 500	Hz
Max Current	15	mA
Tone	Continuous	-
Operating Temperature	-20 to +60	C
Storage Temperature	-30 to +70	C
Housing	Nylon	-
Weight	26	g

