

MANUFACTURING

PRE-PRODUCTION  
VALIDATION

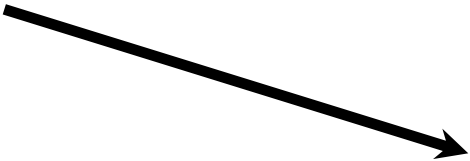
ERP SYSTEM

# MANUFACTURING VERTICAL INTEGRATION

ENVIRONMENTAL / EMI / VIBRATION  
ELECTRICAL TEST OF COMPLETED  
PART



MECHANICAL ASSEMBLY

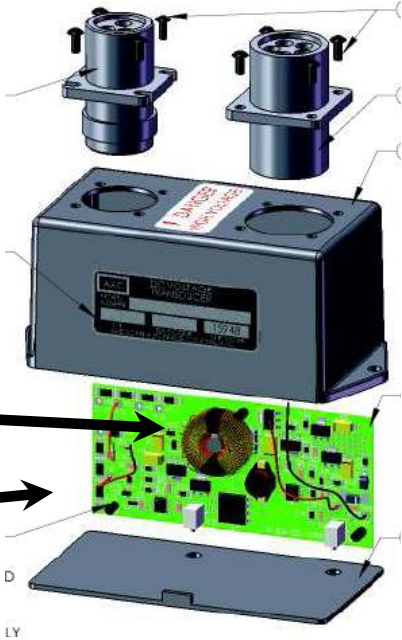


ENCAPSULATION OR  
CONFORMAL COATING

INPROCESS ELECTRICAL TEST

MAGNETIC DEVICE MANUFACTURING

PCB ASSEMBLY WITH  
SURFACE MOUNT OR  
THRU HOLE



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MANUFACTURING  
CAPABILITIES  
PCB ASSEMBLY

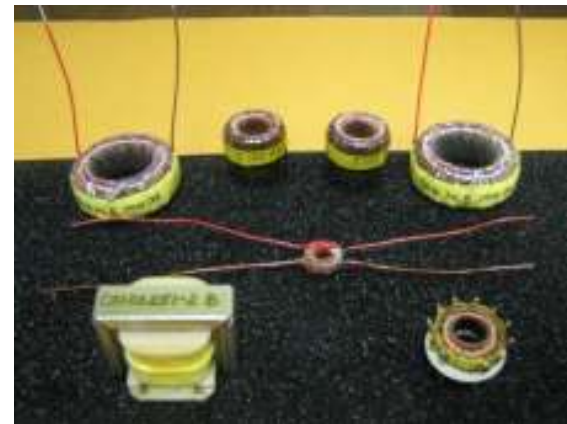
SURFACE MOUNT  
AUTOMATION WITH  
PROGRAMMABLE  
SOLDER REFLOW  
OVEN



THRU HOLE LARGE  
COMPONENT  
ASSEMBLY

# MANUFACTURING CAPABILITIES

## MAGNETIC DEVICE MANUFACTURING



# MANUFACTURING CAPABILITIES

INPROCESS  
ELECTRICAL TEST



MANUFACTURING  
CAPABILITIES

ENCAPSULATION

CONFORMAL COATING

# MANUFACTURING CAPABILITIES

## Environmental

- Thermal: - 55C to 125C
- Burn in/Life
- Thermal Shock
- Humidity
- Moisture resistance
- Stress screening
- Live 24 hr data acquisition systems



# MANUFACTURING CAPABILITIES

## Vibration

- Random – 25 Gs
- Sine – 30 Gs
- Shock



# MANUFACTURING CAPABILITIES

## EMI

- Electrical Fast Transient Burst (FTB)
  - EN 61000-4-4:1995 applied
  - EN 61000-4-4:2004 applied

