**REVISION E**

**NOTES:**
1. **STANDARD PART SET UP AS ASP.**
2. **© REPRESENTS A CRITICAL DIMENSION.**
3. **MAXIMUM BURR ALLOWANCE: .038 [.015].**
4. **MINIMUM PUSHOUT FORCE: 2.22N [.5LB].**
5. **PARTS TO BE PACKAGED IN TAPE & REEL.**
6. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR EIA-481-D REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PIECES, NO LEADER, TRAILER WILL BE SUPPLIED.

---

**ITEM NO.** | **PART NUMBER** | **QUANTITY** | **MATERIAL**
--- | --- | --- | ---
1 | ERF8-010-05.0-DV-L | 1.0000 | VECTRA E130, COLOR: BLACK
2 | C-211-05.0-S | 20.000 | BeCu, 390 HT
3 | WT-30-01-F | 2.0000 | BeCu, #25, 1/2 HT
4 | K-500-300 | 1.0000 | POLYIMIDE FILM
5 | CT-ERF8038MS | 1.0000 | CONDUCTIVE POLYMER

---

**DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]**

---

**SECTION "A"-"A"**

**SCALE 4 : 1**

---

**SECTION "B"-"B"**

**SCALE 4 : 1**

---

**DETAIL "C"**

**SCALE 8 : 1**

---

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
.X: .3 [.01] 2°
.XX: .13 [.005] 1°
.XXX: .051 [.0020] 1°

---

**PROPRIETARY NOTE**

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS DESIGNED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

---

**DESCRIPTION:**

ERF8 ASSEMBLY

---

**ERF8 ASSEMBLY**

---

**BY:** J. BROWNING 06/16/2009
RECOMMENDED PCB LAYOUT

LATCH ENGAGING VIEW

PIN ENGAGING VIEW

SECTION "F"-"E"

SECTION "E"-"E"

DETAIL 'G'
SCALE 6:1

DETAIL 'H'
SCALE 6:1

PACKAGING VIEW

USER DIRECTION OF UN-REELING
POCKET NOT DETAILED

RECOMMENDED STENCIL LAYOUT

SCALE 6:1

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.