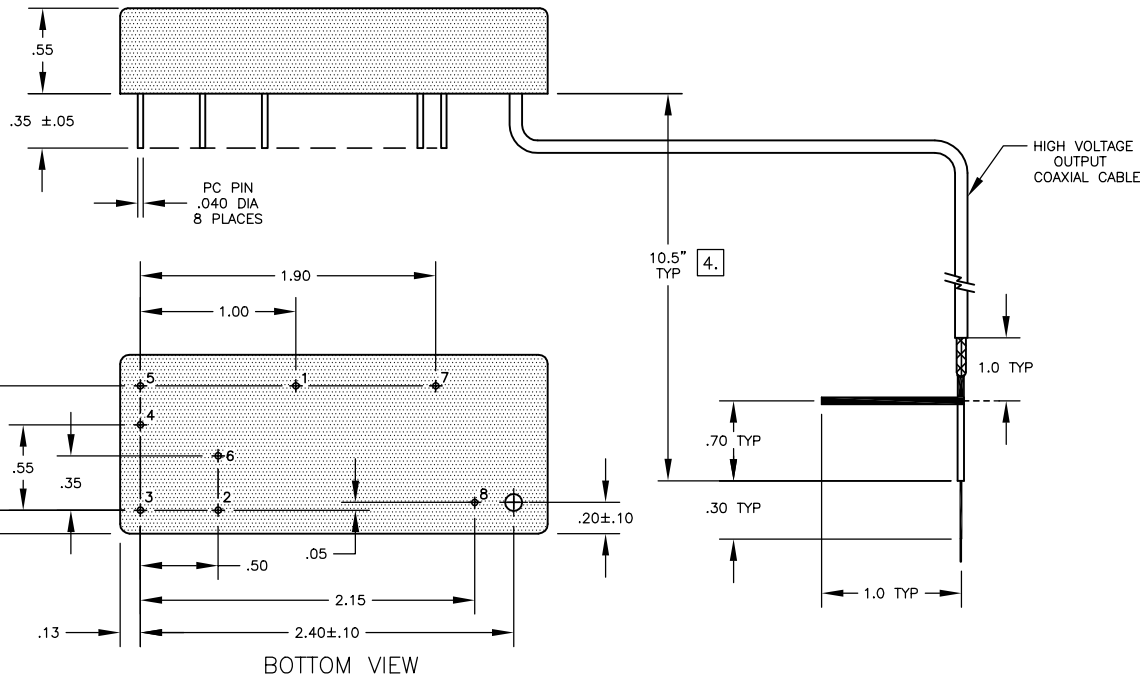
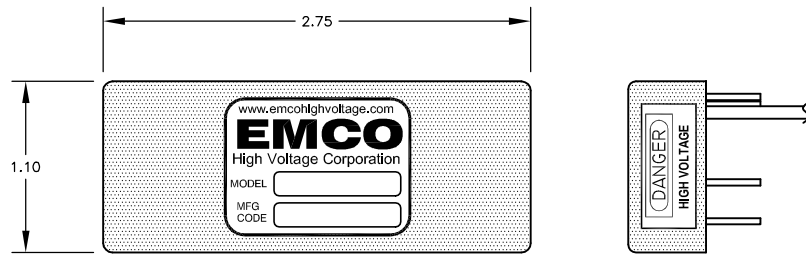


REVISIONS			
LTR	DESCRIPTION	DATE	APPD
C	PER ECO# 081013	10-13-08	DB



PIN #	FUNCTION
1	PROGRAMMING INPUT
2	GROUND
3	CASE GROUND
4	+INPUT VOLTAGE: 5V±5%
5	VOLTAGE MONITOR: 0 TO 2.048V
6	DISABLE = HI
7 & 8	NO CONNECTION

CASE IS CONNECTED TO GROUND INTERNALLY

INT	DATE
DWN DJS	06-28-05
CHK RM	03-15-07
ENGR DB	03-15-07

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS ANGLES
.xx[±] .03 ±
.xxx[±] .010

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

NOTES:

- ELECTRICAL SPECIFICATIONS (AFTER ONE HOUR WARMUP)
 - INPUT VOLTAGE: +5 VOLTS ±5%
 - OVERVOLTAGE PROTECTED: +15V
 - PROGRAMMING: 0 TO 2.048 VDC <100µA
 - INPUT POWER: FULL LOAD: <700mW @ MAX VOUT, TYPICAL
NO LOAD: <200mW @ MAX VOUT, TYPICAL
STANDBY: <25mW TYPICAL
 - OUTPUT VOLTAGE: 0 TO 2,050 VOLTS
 - OUTPUT LOAD: 150µA
 - LINE REGULATION: 0.1%
 - LONG TERM STABILITY: <200 PPM/HR/8 HRS @ FULL OUTPUT VOLTAGE AND CURRENT
 - P-P RIPPLE VOLTAGE: <2.0 PPM @ FULL OUTPUT VOLTAGE AND CURRENT.
DC TO 20MHz BANDWIDTH, TYPICAL
 - VOLTAGE MONITOR: 0 TO 2.048V @1.0MA MAX
 - ENABLE/DISABLE= LVTTL COMPATIBLE
 - OPERATING TEMPERATURE: -10° TO +60°C
 - STORAGE TEMPERATURE: -20° TO +90°C
- UNIT WEIGHT: LESS THAN 80 GRAMS
- CONSTRUCTION:
BOX: STEEL, ZINC PLATED
EPOXY ENCAPSULATION
- LINEAR LENGTH FROM BOTTOM OF UNIT TO THE END OF THE INNER WIRE INSULATOR.
- CONTACT FACTORY FOR AVAILABLE OPTIONS.

ITEM	QTY	PART NO.	DESCRIPTION
PARTS LIST			
EMCO HIGH VOLTAGE CORP. www.emcohighvoltage.com			
PRELIMINARY OUTLINE & SPECIFICATIONS MODEL E10077			
SIZE A	CAGE # 4T243	DWG# 10077	REV C
SCALE NONE		SHEET 1 OF 1	