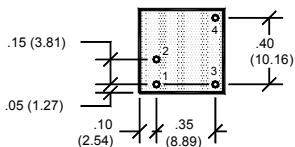
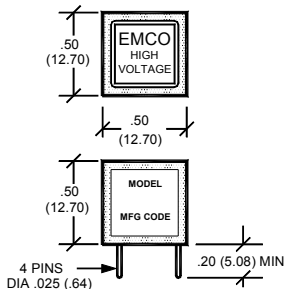


## CASE A Q01 to Q20



**BOTTOM VIEW**

Pin Diameter .025

## PHYSICAL CHARACTERISTICS

SIZE: 0.5 x 0.5 x 0.5 (12.7 x 12.7 x 12.7)

WEIGHT: 0.15 Ounces Approx. (4.25 Grams)

PACKAGING: Fully Encapsulated

CASE MATERIAL: Glass-filled Epoxy

PINS: See Table

## ELECTRICAL SPECIFICATIONS

INPUT VOLTAGE: Models Q01-Q10: 0 to 5, 12 or 24 VDC  
Models Q12-Q50: 0 to 5 VDC

TYPICAL TURN-ON VOLTAGE: 0.7 Volts

OUTPUT VOLTAGE TOLERANCE: +5%, -10%

At full rated output voltage, full load, 25°C.

ISOLATION: < +/- 500V BIAS ON OUTPUT RTN (PIN 4)

OPERATING TEMP: -25° to +70° C (Q30 - Q50: -10° to +60° C)

**OPTION:** EXTENDED OPERATING TEMP (Q01-Q20) -55° to 75°C

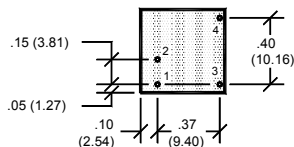
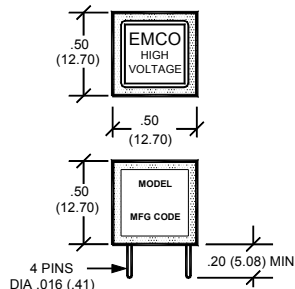
STORAGE TEMP: -55° to +105° C

Pin #	Function	Qxx	QxxN
1	Input	(-)	(-)
2	Input	(+)	(+)
3	Output	(+)	(-)
4	Output	(RTN)	(RTN)

Dimensions are in inches  
Dimensional Tolerances: ± .03 (.76mm)  
(Metric Equivalents in Parenthesis)

Post-wave solder installation recommended.

## CASE B Q30 to Q50



**BOTTOM VIEW**

Pin Diameter .016