

1N4728G-1N4758G

1W DO-41 Zener Voltage Regulators

DO-41

Features

- ✧ Zener Voltage Range 3.3. to 56Volts.
- ✧ DO-41 Package (JEDEC)
- ✧ Through-Hole Device Type Mounting
- ✧ Hermetically Sealed Glass
- ✧ Compression Bonded Construction
- ✧ All External Surface Are Corrosion Resistant And Terminals Are Readily Solderable
- ✧ Solder Hot Dip Tin(Sn) Lead Finish
- ✧ RoHS Compliant

Dimension	Millimeters		Inches	
	Min	Max	Min	Max
A	0.68	0.81	0.027	0.032
B	3.70	4.25	0.146	0.167
C	25.40	---	1.000	---
D	2.10	2.60	0.083	0.102

Mechanical Data

- ✧ Lead: Pure tin plated , lead free, solderable per MIL-STD-202, Method 208 guaranteed
- ✧ Polarity : Color band denotes cathode
- ✧ High temperature soldering guaranteed:
260oC//10 seconds
- ✧ Weight : 0.270~0.290 grams
- ✧ Marking code : 1N47XXG for $\pm 5\%$ Vz
1N47XXC for $\pm 2\%$ Vz

Cathode Anode

ELECTRICAL SYMBOL

Maximum Ratings and Electrical Characteristics

Rating at 25

	Symbol	Value	Units
Power Dissipation	P_D	1	W
Thermal Resistance Junction to Lead	R_{jl}	53.5	
Thermal Resistance Junction to Ambient	R_{ja}	100	
Operating Temperature Range	T_{OPR}	-65 to +200	
Storage Temperature Range	T_{STG}	-65 to +200	

Notes: These ratings are limiting values above which the serviceability of the diode may be impaired