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DATA SHEET www.onsemi.com

Zener Diodes 1N4728A - 1N4758A

ABSOLUTE MAXIMUM RATINGS (Note 1)

<u>sem'</u>

 $T_a = 25^{\circ}C$ unless otherwise noted

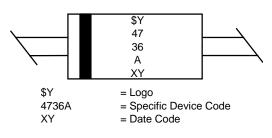
Symbol	Parameter	Value	Unit
P _D	Power Dissipation @ TL \leq 50°C, Lead Length = 3/8"	1.0	W
	Derate above 50°C	6.67	mW/°C
T _J , T _{STG}	Operating and Storage Temperature Range	-65 to +200	°C

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

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



MARKING DIAGRAM



ORDERING INFORMATION

See detailed ordering and shipping information on page 3 of this data sheet.

1N4728A - 1N4758A

	V _Z (V	') @ I_Z (No	ote 2)	Test	Max. Zener Impedance				Leakage	Current	Non-Repetitive Peak Reverse	
Device	Min.	Тур.	Max.	Current I _Z (mA)	Z _Z @ I _Z (Ω)		zκ @ κ (Ω)	I _{ZK} (mA)	I _R (μΑ)	V _R (V)	Current I _{ZSM} (mA) (Note 3)	
1N4728A	3.135	3.3	3.465	76	10		400	1	100	1	1380	
1N4732A	4.465	4.7	4.935	53	r	-		-				

ELECTRICAL CHARACTERISTICS $T_a = 25^{\circ}C$ unless otherwise noted

1N4728A - 1N4758A

TOP MARKING AND ORDERING INFORMATION (continued)

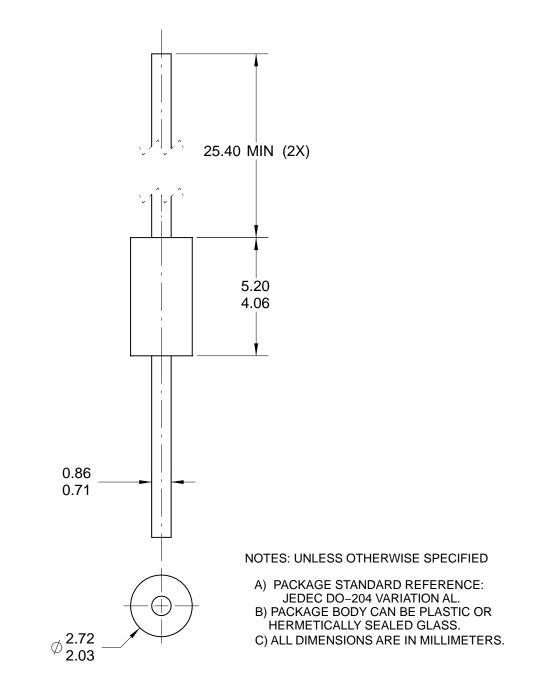
			Top Marking				
Device	Line 1	Line 2	Line 3	Line 4	Line 5	Package	Shipping [†]
1N4758A	LOGO	47	58	А	XY	Axial Lead	3000 / Bulk Bag
1N4758A-T50A						(Pb-Free / Halide Free)	3000 / Fan–Fold

†For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.



AXIAL LEAD / DO-41 CASE 017AH ISSUE O

DATE 31 AUG 2016



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