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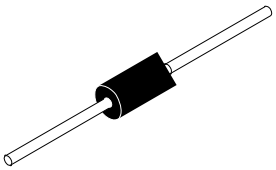
Zener Diodes

1N4728A - 1N4758A



AXIAL LEAD
CASE 017AH

ABSOLUTE MAXIMUM RATINGS (Note 1)

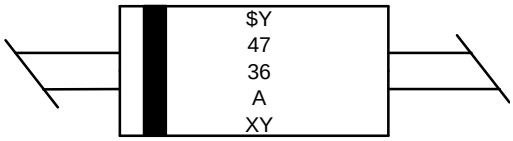
T_a = 25°C unless otherwise noted

Symbol	Parameter	Value	Unit
P_D	Power Dissipation @ TL ≤ 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.

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

MARKING DIAGRAM



$Y	= Logo
4736A	= Specific Device Code
XY	= Date Code

ORDERING INFORMATION

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

ELECTRICAL CHARACTERISTICS T_a = 25°C unless otherwise noted

Device	V_Z (V) @ I_Z (Note 2)			Test Current I_Z (mA)	Max. Zener Impedance			Leakage Current		Non−Repetitive Peak Reverse Current I_{ZSM} (mA) (Note 3)
	Min.	Typ.	Max.		Z_Z @ I_Z (Ω)	Z_{ZK} @ I_{ZK} (Ω)	I_{ZK} (mA)	I_R (μA)	V_R (V)	
1N4728A	3.135	3.3	3.465	76	10	400	1	100	1	1380
1N4732A	4.465	4.7	4.935	53						

TOP MARKING AND ORDERING INFORMATION (continued)

Device	Top Marking					Package	Shipping†
	Line 1	Line 2	Line 3	Line 4	Line 5		
1N4758A	LOGO	47	58	A	XY	Axial Lead (Pb – Free / Halide Free)	3000 / Bulk Bag
1N4758A−T50A							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
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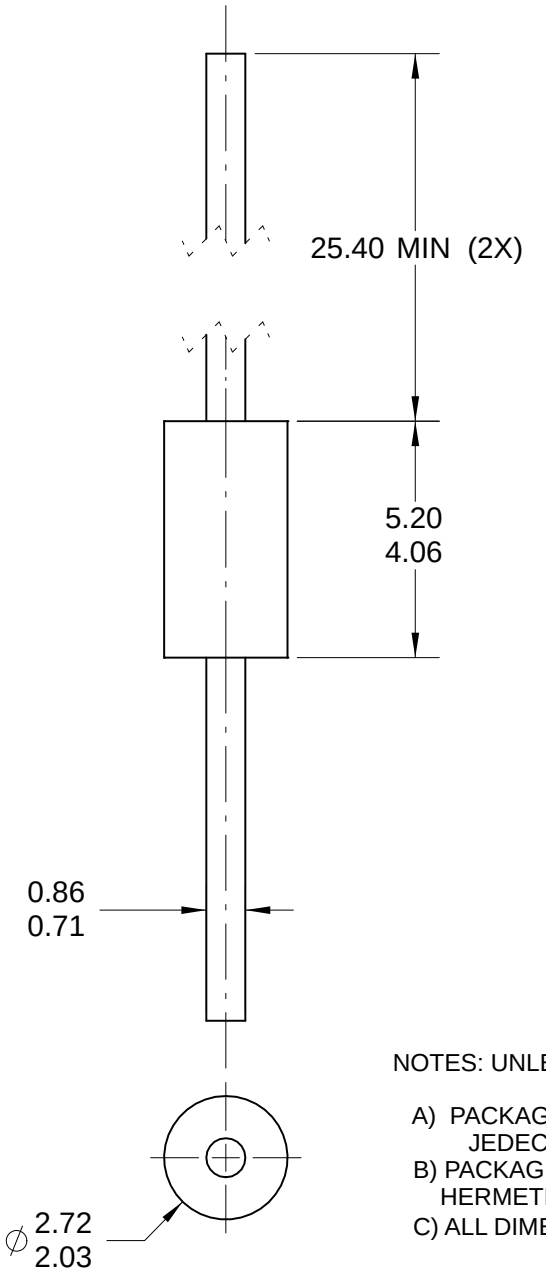
ISSUE O

DATE 31 AUG 2016



NOTES: UNLESS OTHERWISE SPECIFIED

A) PACKAGE STANDARD REFERENCE:
JEDEC DO−204 VARIATION AL.
B) PACKAGE BODY CAN BE PLASTIC OR
HERMETICALLY SEALED GLASS.
C) ALL DIMENSIONS ARE IN MILLIMETERS.

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DESCRIPTION:	**AXIAL LEAD / DO−41**	**PAGE 1 OF 1**