

# Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

Document in this file	NEC - Electronic catalog Page covering Nixie tubes and sockets
Display devices in this document	CD102, CD16A, CD36A, CD46, CD56A, CD58, CD66, CD66A, CD66DL, CD67, CD69, CD74, CD76, CD83P, LD5001, LD8007, LD8010, LD8017, LD8018, LD8019, LD8022, LD8024, LD911, LD912, LD913, LD-955A

# GAS DISCHARGE INDICATOR TUBES

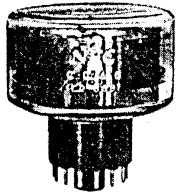
## Top Viewing Type



CD16A (Scale 3/4)



CD36A (Full size)



CD46 (Scale 2/5)



CD56A (Full size)



CD102 (Full size)

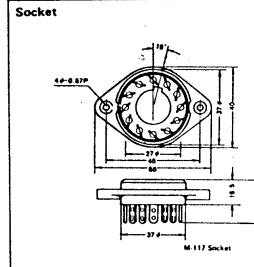
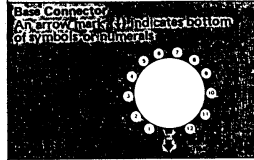
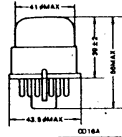
Table of Standard (top viewing type)

A: Anode K: Cathode (I): Indications IC: Internal Connections - (not to be used) NC: No Connections

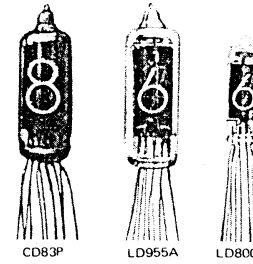
Tube Type	Indications	Height of indicating electrode Approx. (mm)	External Dimensions (mm)			Anode supply DC voltage Min. (Vdc)	Allowable average cathode DC current (mAcd)
			Overall length Max. (mm)	Bulb diameter Max. (mm)	Seated height (Δ Lead length) Min. (mm)		
CD16A	Numerals (0~9) and decimal point	28	56	41	38	200	Numeral electrode 3.0~5.0 Decimal point 0.3~2.0
CD36A	Numerals (0~9)	8	30	16.5	21.5	170	1.1~1.9
CD46	Numerals (0~9)	74	123	103	92.3	200	12~18
CD56A	Numerals (0~9)	16	32	20.0 27.5	23	170	1.5~3.5
CD57	Symbols (+, -)	15	35	27.5	26	170	1.5~3.0
CD58	Symbols (+, -)	14	32	20.0 27.5	23	170	- cathode 0.5~1.7 I cathode 1.0~2.2
CD67	Symbols (+, -)	74	123	103	92.3	200	12~18
CD102	Numerals (0~9)	16	35	27.5	26	170	1.5~3.0
LD911	Numerals (0~9) and decimal point	16	32	20.0 27.5	23	170	Numeral electrode 2~3.5 Decimal point 0.2~0.6
LD912	Numerals (0~9)	8	21.5	16.5	21.5 (Δ 40)	170	Decimal point 1.1~1.9
LD913	Symbols (+, -)	9	21.5	16.5	21.5 (Δ 40)	170	1.1~1.9
LD8017	Symbols (-, +, =, V, ~, Ω)	8	30	16.5	21.5 (Δ 40)	170	1.1~1.9
LD8022	Symbols (+, -, ~, Ω)	14	32	20.0 27.5	23	170	Decimal point 1.5~3.0
LD8024	Numerals (0~9) and decimal point	8	30	16.5	21.5	170	Numeral electrode 1.1~1.9 Decimal point (not fixed)

(1965年代)

External Dimensions Unit: mm CD16A



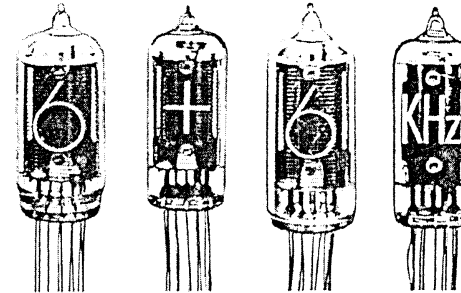
## Side Viewing Type



CD83P

LD955A

LD8007



CD66(A)

CD69

CD74

LD5001

External Dimensions Unit: mm

CD66(A) CD69, LD5001  
CD66 (DL) CD74, LD8018

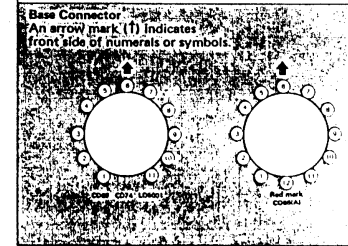
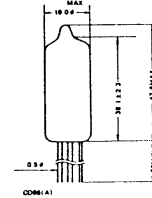


Table of Standard (Side viewing type)

A: Anode K: Cathode (I): Indications IC: Internal connections (not to be used) NP: No pins

Tube Type	Indications	Height of indicating electrode Approx. (mm)	External Dimensions (mm)			Anode supply DC voltage Min. (Vdc)	Allowable average cathode DC current (mAcd)
			Overall length Max. (mm)	Bulb diameter Max. (mm)	Seated height (Δ Lead length) Min. (mm)		
CD66(A)	Numerals (0~9) and decimal point	16	47.6	19	33	170	Numeral electrode 1.5~3.0 Decimal point 0.3~0.7
CD66(DL)	Numerals (0~9) and decimal point	16	47.6	19	Δ33	170	Numeral electrode 2~4 Decimal point 0.5~1
CD69	Symbols (+, -)	14	47.6	19	33	170	- cathode 0.5~1.7 I cathode 1.0~2.2
CD74	Numerals (0~9)	16	47.6	19	33	170	1.5~3.0
CD76	Numerals (0~9) and decimal point	12	39	16	Δ33	190 *190	Numeral electrode 1.5~3.0 *5~10 Decimal point 0.5~0.9 **1.2~2.2
CD83P	Numerals (0~9) and decimal point	13	37	13	Δ65	*170	**Numeral electrode 8~22 Decimal point 1.2~2.8
LD-955A	Numerals (0~9) and decimal point	10	38	13	Δ45	*190	**Numeral electrode 5~9 Decimal point 1~2
LD5001	Symbols (S, ms, μs, Hz, kHz, MHz)	10	47.6	19	33	170	1.5~2.7
LD8007	Numerals (0~9) and decimal point	10	34	10.5	Δ33	*170	**Numeral electrode 2~6 Decimal point 0.6~1.4
LD8010	Symbols (+, -, ~)	12.7	37	13	Δ65	*170	** (+) cathode 8~20 (-) cathode 6~18 (~) cathode 8~20
LD8018	Symbols (V, Ω, A, mA, mV, μA, kΩ, MΩ)	12.4	47.6	19	Δ33	170	Decimal point 1.5~3.0
LD8019	Numerals (0~9) and decimal point	10	34	10.5	Δ33	*170	**Numeral electrode 3.5~7.5 Decimal point 0.8~1.6

\* Peak anode supply voltage (unit in V)