

B 611 D /B 615 D /B 621 D

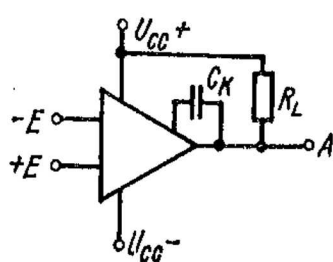
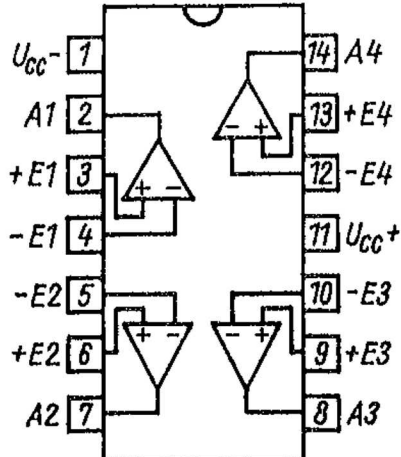
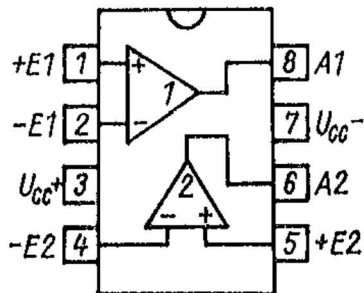
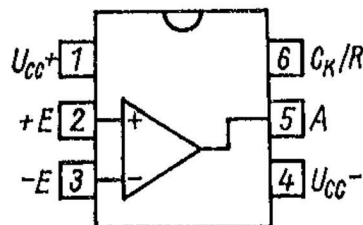
B 625 D /B 631 D /B 635 D

B 761 D /B 765 D/B 861 D/B 865 D

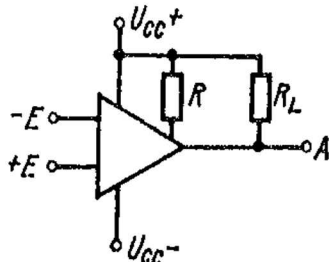
B 2761 D/B 2765 D/B 2765 S

B 4761 D/B 4765 D

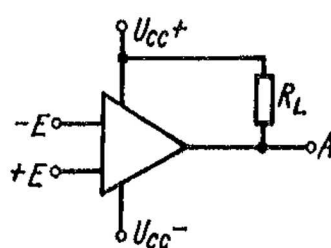
Operationsverstärker



B 761 D, B 765 D
B 861 D, B 865 D
B 631 D, B 635 D



B 611 D, B 615 D
B 621 D, B 625 D



B 2761 D, B 2765 D
B 4761 D, B 4765 D

Anschlußbelegung und Einsatzschaltung

Typstandard: TGL 38925

Universell einsetzbare OPV mit hoher Verstärkung, kleinen Offsetgrößen, hohem Eingangswiderstand, großem Betriebsspannungs- und Aussteuerbereich, hohem Ausgangsstrom, open-collector-Ausgängen.

Ausgewählte Kennwerte

Temperaturbereich		Eingang	Ausgang	Frequenz- kompensation	Bemerkung
0 bis 70 °C	-25 bis 85 °C				
B 761 D,SC	B 765 D,SG	einfach	Darlington	extern	einfache OPV
B 861 D,SC	B 865 D,SG	einfach	Darlington	extern	einfache OPV
B 611 D	B 615 D	Darlington	TTL	ohne	einfache OPV
B 621 D,SC	B 625 D,SG	einfach	TTL	ohne	einfache OPV
B 631 D	B 635 D	Darlington	Darlington	extern	einfache OPV
B 2761 D,SC	B 2765 D,SG	einfach	Darlington	intern	doppelte OPV
B 4761 D	B 4765 D	einfach	Darlington	intern	vierfache OPV

offene Spannungsverstärkung $A_{Uoff} > 75 \text{ dB}$

Typ	Art	Betriebs- spannung (V)	Strom- auf- nahme (mA)	Eing.- offset- spann. (mV)	Eing.- offset- strom (nA)	Diff.- eing.- spann. (V)	Gleich- takt- eing.- spann. (V)	Gleich- takt- unter- druck. (dB)	Ausg.- strom (mA)	Betriebs- temp.- bereich (°C)	Bauform
B 611 D	einf.	+2 ... +15	1,5	+15	+25	+13	+13	60	70	0 ... 70	1 (DIP-6), 27 (SO-8)
B 615 D	einf.	+2 ... +15	1,5	+15	+25	+13	+13	60	70	-25 ... 85	1 (DIP-6), 27 (SO-8)
B 621 D, SC	einf.	+2 ... +15	2,5	+7,5	+300	+15	+13	60	70	0 ... 70	1 (DIP-6), 27 (SO-8)
B 625 D, SG	einf.	+2 ... +15	2,5	+7,5	+300	+15	+13	60	70	-25 ... 85	1 (DIP-6), 27 (SO-8)
B 631 D	einf.	+2 ... +15	2,5	+15	+25	+13	+13	60	70	0 ... 70	1 (DIP-6), 27 (SO-8)
B 635 D	einf.	+2 ... +15	2,5	+15	+25	+13	+13	60	70	-25 ... 85	1 (DIP-6), 27 (SO-8)
B 761 D, SC	einf.	+1,5 ... +18	2,5	+6	+300	+18	+12	65	70	0 ... 70	1 (DIP-6), 27 (SO-8)
B 765 D, SG	einf.	+1,5 ... +18	2,5	+6	+300	+18	+12	65	70	-25 ... 85	1 (DIP-6), 27 (SO-8)
B 861 D, SC	einf.	+1,5 ... +10	1,5	+10	+300	+10	+8	60	70	0 ... 70	1 (DIP-6), 27 (SO-8)
B 865 D, SG	einf.	+1,5 ... +10	1,5	+10	+300	+10	+8	60	70	-25 ... 85	1 (DIP-6), 27 (SO-8)
B 2761 D, SC	dopp.	+2 ... +15	1,5	+6	+300	+15	+12	65	70	0 ... 70	2 (DIP-8), 27 (SO-8)
B 2765 D, SG	dopp.	+2 ... +15	1,5	+6	+300	+15	+12	65	70	-25 ... 85	2 (DIP-8), 27 (SO-8)
B 4761 D	vierf.	+2 ... +15	3	+6	+300	+15	+12	65	70	0 ... 70	4 (DIP-14)
B 4765 D	vierf.	+2 ... +15	3	+6	+300	+15	+12	65	70	-25 ... 85	4 (DIP-14)

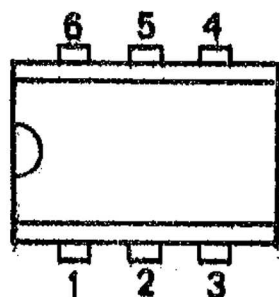
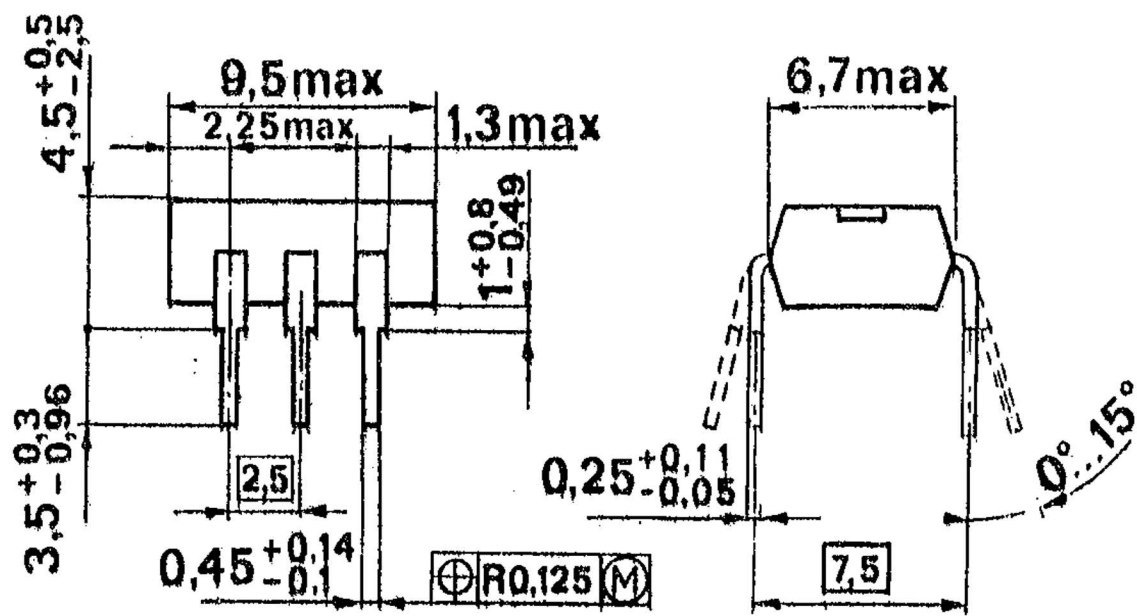


Bild 1 (DIP-6, Plast)

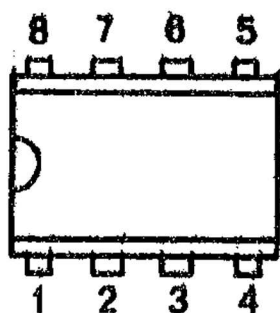
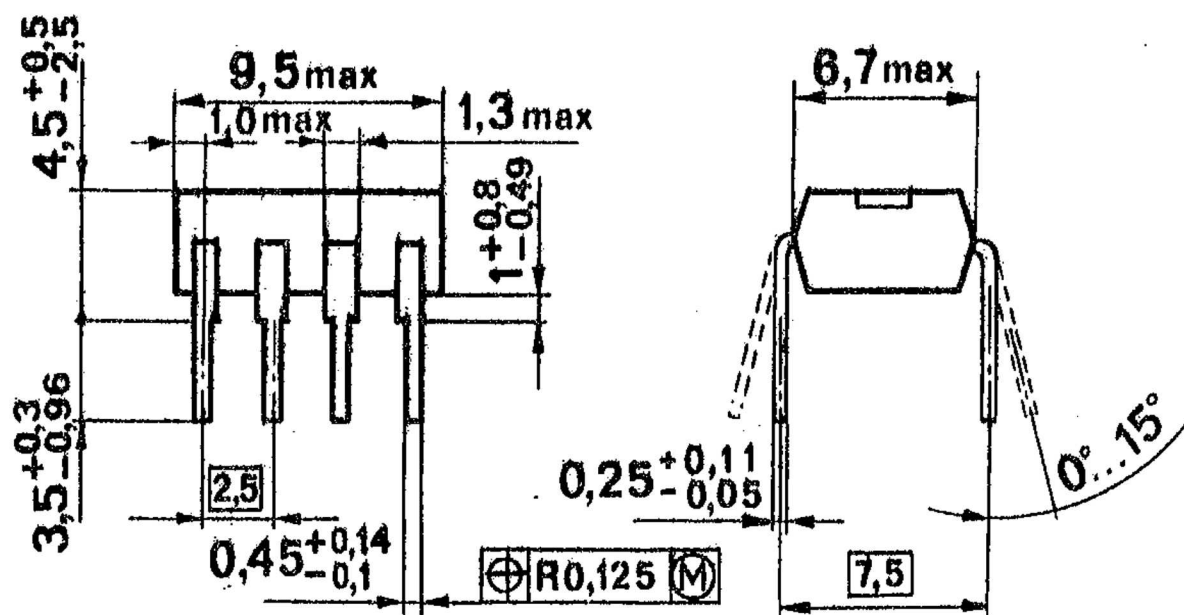


Bild 2 (DIP-8, Plast)

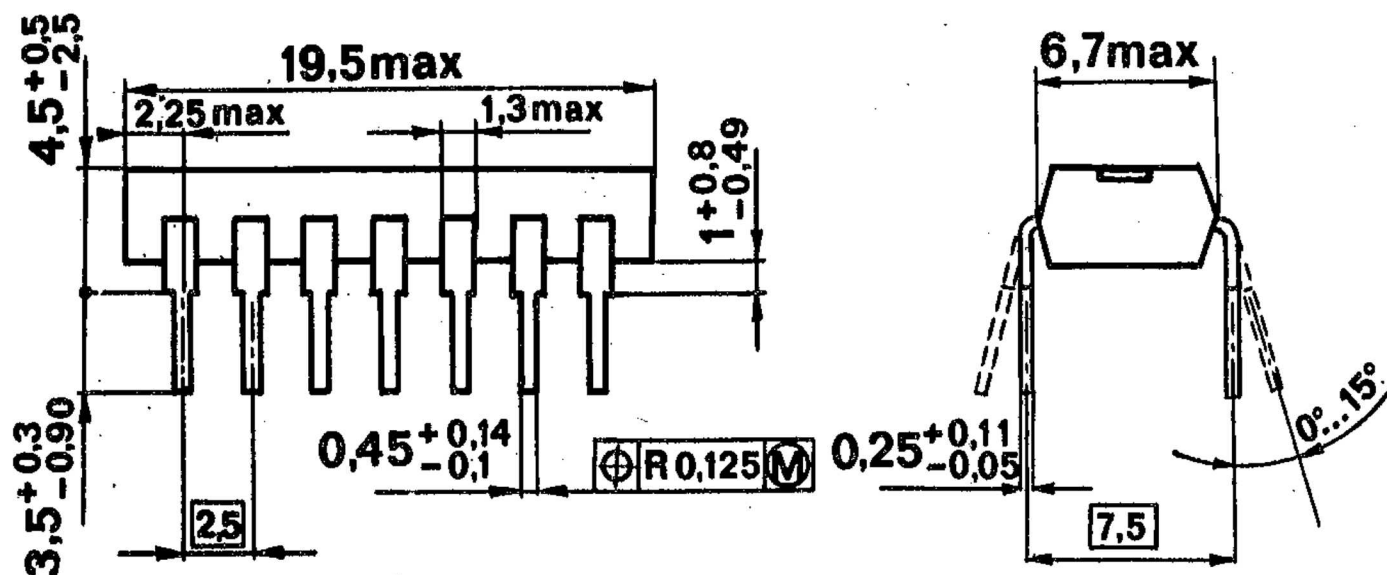


Bild 3 (DIP-14, Plast)

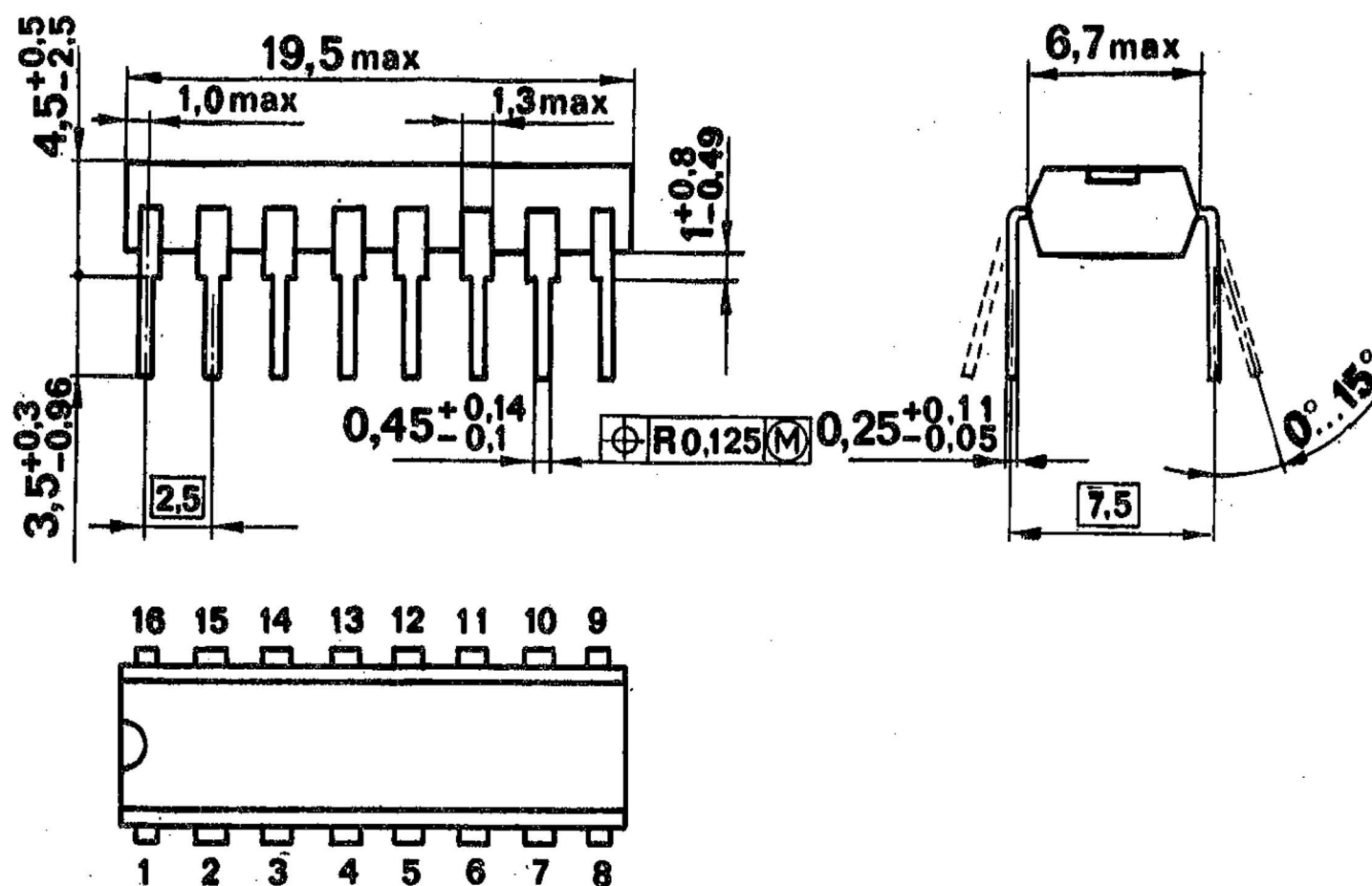


Bild 4 (DIP-16, Plast)

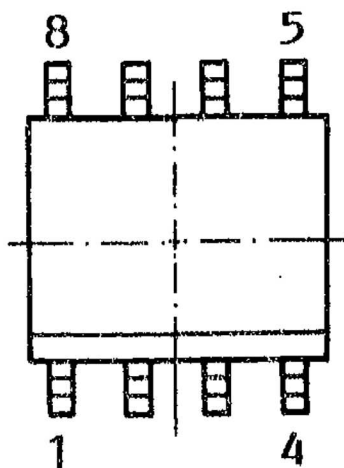
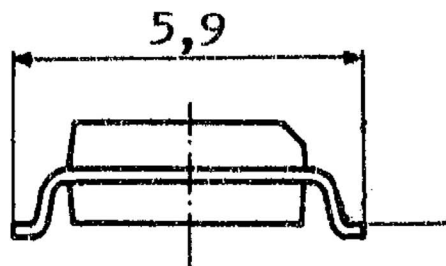
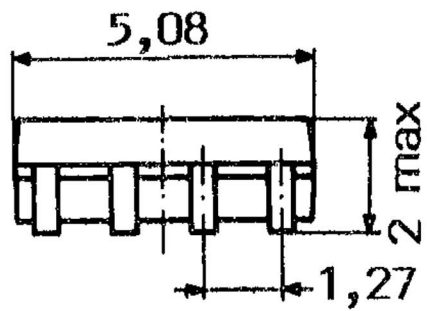
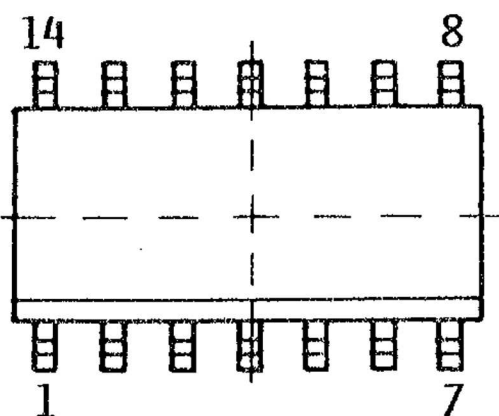
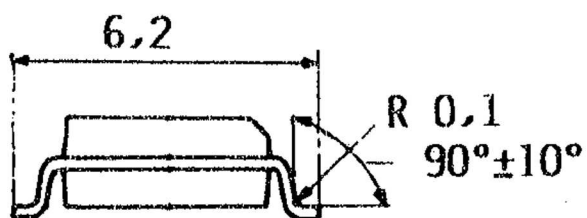
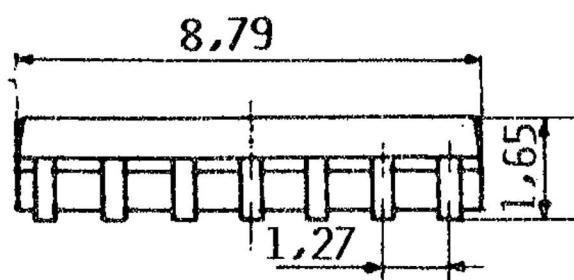


Bild 27 (SO-8)



Ebenheitstoleranz: 0,15
 Pintagetoleranz: $\frac{T}{2} = 0,125$

Bild 28 (SO-14)