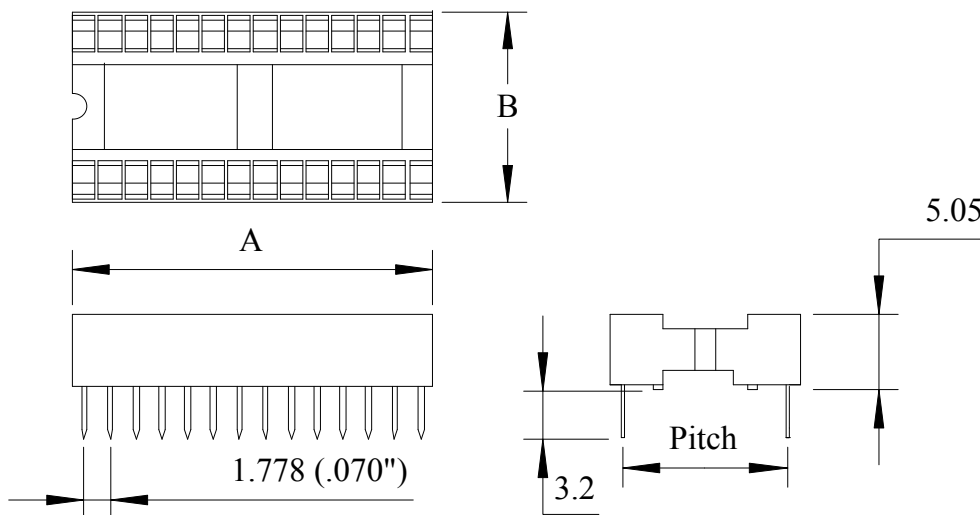
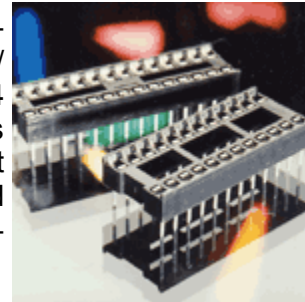


WINSLOW ADAPTICs

Data Sheet – Shrink Stamped I.C. Sockets W3100/xxxTRC W3100/xxxT

The W3100 Shrink Series uses a phosphor bronze contact with 2 plating options RHoS compliant Tin or Tin/Lead . Moulding material is 30%GF PBT rated to UL 94 V-0. Designed for automatic PCB loading machines features include; overstress protection, large target area for ease of IC insertion and a 35 degree angled contact to prevent the IC leg from going behind the contact during insertion.



Part No	Pins	Pitch	A	B	Part No	Pins	Pitch	A	B
W3124/407TRC	24	10.16	21.34	12.70	W3124/407T	24	10.16	21.34	12.70
W3128/407TRC	28	10.16	24.89	12.70	W3128/407T	28	10.16	24.89	12.70
W3130/407TRC	30	10.16	26.67	12.70	W3130/407T	30	10.16	26.67	12.70
W3140/607TRC	40	15.24	35.56	17.78	W3140/607T	40	15.24	35.56	17.78
W3142/607TRC	42	15.24	37.33	17.78	W3142/607T	42	15.24	37.33	17.78
W3164/607TRC	64	19.05	56.89	21.59	W3164/607T	64	19.05	56.89	21.59

WINSLOW ADAPTICs

Data Sheet – Shrink Stamped I.C. Sockets W3100/xxxTRC W3100/xxxT

General Specifications. Unless stated all values are typical.

Contact

Resistance:	10m ohms
Current Rating:	10 amp cont. 2.0 amp peak.
Capacitance:	0.5pF
Material:	Phosphor Bronze
Plating:	W3100TRC Nickel 2.5 microns over Pure Tin 6 microns W3100T 60/40 tin/lead 2/3 microns.
Insertion Force:	120/130 grams (1.18/1.27n) per pin 0.01" diameter.
Withdrawal Force:	50/70 grams (0.49/0.69n) per pin 0.01" diameter.
Point of contact:	0.061" (1.70mm) from top of socket.
Force to remove From moulding:	1.0lb minimum

Moulding

Material:	Glass-reinforced Polyester (PBT)
Insulation Resistance:	10 ¹⁰ Ohms (contact to contact) at 500VDC
Arc Resistance:	145 seconds at 23 degrees C
Electrical Strength:	121KV/cm at 23 degrees C
Dielectric Constant:	3.9 (48 hrs 90%RH) at 100Hz 23 degrees C 4.5 at 100Hz 121 degrees C 3.7 (48 hrs 90%RH) at 1MHz 23 degrees C 4.3 at 1MHz 121 degrees C
Dissipation Factor:	0.0077 (48 hrs 30%RH) at 100Hz 23 degrees C 0.0300 at 100Hz 121 degrees C 0.0150 (48 hrs 30%RH) at 1MHz 23 degrees C 0.0200 at 1MHz 121 degrees C
Volume Resistivity:	3 x 10 ¹³ ohms-CM (48 hrs 90%RH) at 25 degrees C 10 ¹³ ohms-CM at 121 degrees C
Operating Temperature:	-65 to 150 degrees C
Flammability:	UL94V-0

Note: Dimensions are subject to change without prior notice.