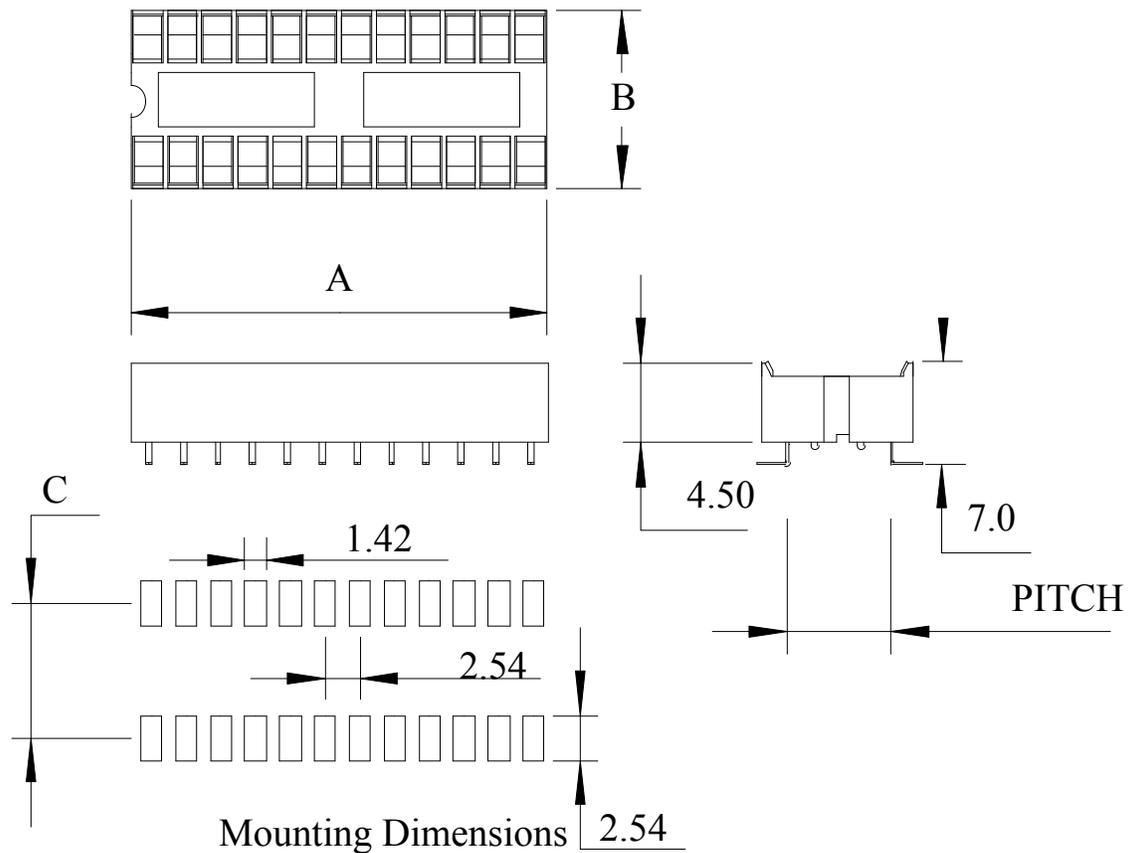
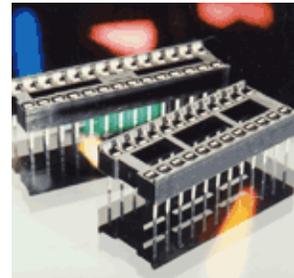


WINSLOW ADAPTICs

Data Sheet – Stamped I.C. Sockets W3100SMTRC W3100SMT

The W3100SM 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 surface mounting onto a PCB 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.



WINSLOW ADAPTICs

Data Sheet – Stamped I.C. Sockets W3100SMTRC - W3100SMT

Part No.	Pins	Pitch	A	B	C	Part No.	Pins	Pitch	A	B	C
W3106SMTRC	6	7.62	7.49	10.14	9.62	W3106SMT	6	7.62	7.49	10.14	9.62
W3108SMTRC	8	7.62	10.03	10.14	9.62	W3108SMT	8	7.62	10.03	10.14	9.62
W3114SMTRC	14	7.62	17.65	10.14	9.62	W3114SMT	14	7.62	17.65	10.14	9.62
W3116SMTRC	16	7.62	20.19	10.14	9.62	W3116SMT	16	7.62	20.19	10.14	9.62
W3118SMTRC	18	7.62	22.73	10.14	9.62	W3118SMT	18	7.62	22.73	10.14	9.62
W3120SMTRC	20	7.62	25.27	10.14	9.62	W3120SMT	20	7.62	25.27	10.14	9.62
W3122SMTRC	22	10.16	27.81	12.68	12.16	W3122SMT	22	10.16	27.81	12.68	12.16
W3124/3SMTRC	24	7.62	30.35	10.14	9.62	W3124/3SMT	24	7.62	30.35	10.14	9.62
W3124/4SMTRC	24	10.16	30.35	12.68	12.16	W3124/4SMT	24	10.16	30.35	12.68	12.16
W3124SMTRC	24	15.24	30.35	17.78	17.24	W3124SMT	24	15.25	30.35	17.78	17.24
W3128/3SMTRC	28	7.62	35.53	10.14	9.62	W3128SMT	28	7.62	35.53	10.14	9.62
W3128SMTRC	28	15.24	35.53	17.78	17.24	W3128SMT	28	15.24	35.53	17.78	17.24
W3132SMTRC	32	15.24	40.51	17.78	17.24	W3132SMT	32	15.24	40.51	17.78	17.24
W3140SMTRC	40	15.24	50.67	17.78	17.24	W3140SMT	40	15.24	50.67	17.78	17.24
W3142SMTRC	42	15.24	53.21	17.78	17.24	W3142SMT	42	15.24	53.21	17.78	17.24
W3148SMTRC	48	15.24	60.83	17.78	17.24	W3148SMT	48	15.25	60.83	17.78	17.24
W3164SMTRC	64	22.86	81.15	25.40	24.86	W3164SMT	64	22.86	81.15	25.40	24.86

WINSLOW ADAPTICs

Data Sheet – Stamped I.C. Sockets W3100SMTRC W3100SMT

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:	W3100SMTRC Nickel 2.5 microns / Pure Tin 6.0 microns W3100SMT 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.