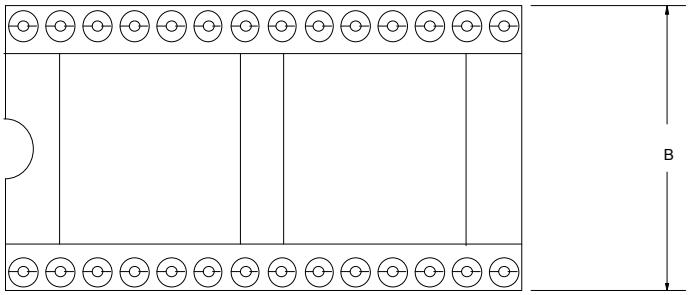
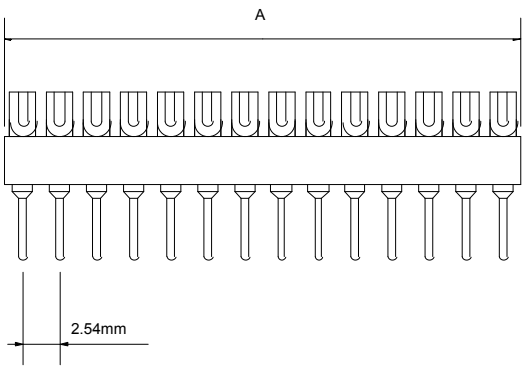
WINSLOW ADAPTICs

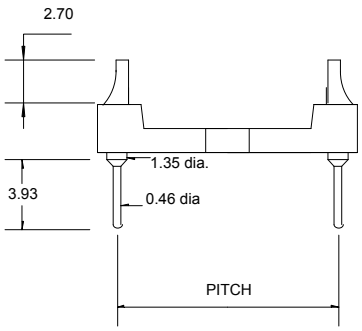
Data Sheet – Dual In-line Component Header
W60500SCTRC and W60500SCG

The W60500SC Series uses a screw machined half hard brass pin and is designed to be used for hard wire routing. The pin has 2 plating options; RHoS compliant Tin or Gold.
Moulding material is 30%GF PBT rated to UL 94 V-0.
The following table explains the plating options for the range.

SUFFIX	PLATING
TRC	Pure Tin (RHoS Compliant)
G	Gold







WINSLOW ADAPTICs

Data Sheet – Dual In-line Component Header
W60500SCTRC and W60500SCG

PART NUMBER*	PINS	PITCH	A	B
W60504SC	4	7.62	5.00	10.14
W60506SC	6	7.62	7.54	10.14
W60508SC	8	7.62	10.08	10.14
W60510SC	10	7.62	12.62	10.14
W60514SC	14	7.62	17.70	10.14
W60516SC	16	7.62	20.24	10.14
W60518SC	18	7.62	22.78	10.14
W60520SC	20	7.62	25.32	10.14
W60522SC	22	10.16	27.86	12.68
W60524/3SC	24	7.62	30.40	10.14
W60524/4SC	24	10.16	30.40	12.68
W60524SC	24	15.24	30.40	17.66
W60528/3SC	28	7.62	35.48	10.14
W60528/4SC	28	10.16	35.48	12.68
W60528SC	28	15.24	35.48	17.66
W60532/4SC	32	10.16	40.56	12.68
W60532SC	32	15.24	40.56	17.66
W60536SC	36	15.24	45.64	17.66
W60540SC	40	15.24	50.72	17.66
W60542SC	42	15.24	53.26	17.66
W60548SC	48	15.24	60.88	17.66
W60550SC	50	15.24	63.42	17.66
W60550/9SC	50	22.86	63.42	25.38
W60552SC	52	15.25	65.96	17.66
W60552/9SC	52	22.86	65.96	25.38
W60564SC	64	22.86	81.20	25.38

* When ordering please remember to add your required suffix to the part number

WINSLOW ADAPTICs

Data Sheet – Dual In-line Component Header
W60500SCTRC and W60500SCG

General Specifications. Unless stated all values are typical.

Contact

Dielectric Withstanding Voltage: 500 volts AC Current Rating: 1 Ampere

*Plating: W60500SCTRC Nickel 2.5Um/Pure Tin 6.0Um

W60500SCG Nickel 2.5Um/Gold 0.1Um

Moulding

Material:	Glass-reinforced Polyester (PBT)
Insulation Resistance:	1010 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 1013ohms-CM (48 hrs 90%RH) at 25 degrees C 1013ohms-CM at 121 degrees C
Operating Temperature:	-65 to 150 degrees C
Flammability:	UL94V-0

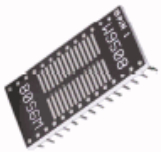
Note: Dimensions are subject to change without prior notice.

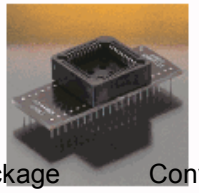
sales@winslowadaptics.com

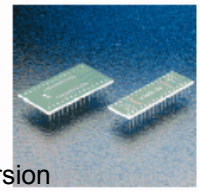
DIP Support products from Winslow Adaptics

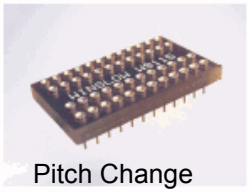
www.winslowadaptics.com


Custom Upgrades




Package


Conversion


Pitch Change

Also available from Winslow Adaptics are cost effective, time saving solutions to test, obsolescence, supply problems and upgrades. OEMs can upgrade equipment with custom Adaptics utilising additional logic, often saving considerable cost and time on re-design. If lead-time becomes an issue contact us for a suitable package convertor. We specialise in conversion of all package lead-frames.