



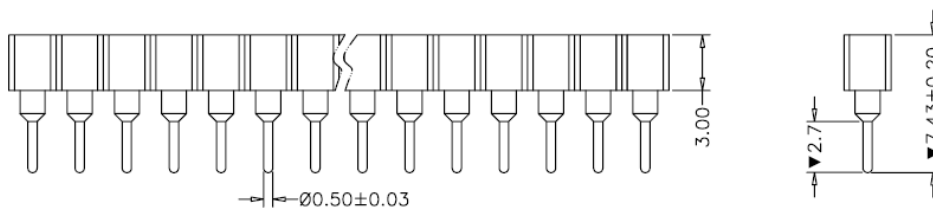
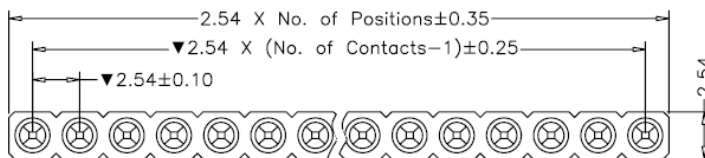
WINSLOW ADAPTICS

Data Sheet – Screw Machined I.C. Sockets W35500TRC - W35500T - W35500G - W35500TTRC

The W35500 Series uses a screw machined half hard brass outer pin with a beryllium copper contact. The outer pin has 3 plating options; RoHS compliant Tin, Tin/Lead or Gold. The beryllium copper contact can be Gold or pure Tin. Moulding material is 30%GF PBT rated to UL 94 V-0. Part are designed and packaged for automatic PCB loading machines. The following table explains the plating options for the range.



SUFFIX	OUTER PLATING	CONTACT PLATING
TRC	Pure Tin (RoHS Compliant)	Gold
T	Tin Lead	Gold
G	Gold	Gold
TTRC	Pure Tin (RoHS Compliant)	Pure Tin (RoHS Compliant)



*Remember to add your plating suffix when ordering.

Product snaps to length required. Customers may order specific pin-outs as follows:
W355(xx). Insert number of pins required in place of (xx). Minimum 1—Maximum 32

PART NUMBER*	PINS	LENGTH
W35520	20	50.8mm
W35532	32	81.2mm



WINSLOW ADAPTICS

Data Sheet – Screw Machined I.C. Sockets W30500TRC - W30500T - W30500G - W30500TTRC

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 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
Resistance to soldering heat:	260°C, 20s

Note: Dimensions are subject to change without prior notice.

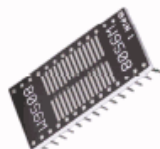
sales@winslowadaptics.com

DIP Support products from Winslow Adaptics

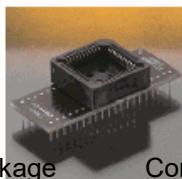
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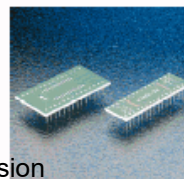
Custom Upgrades



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.