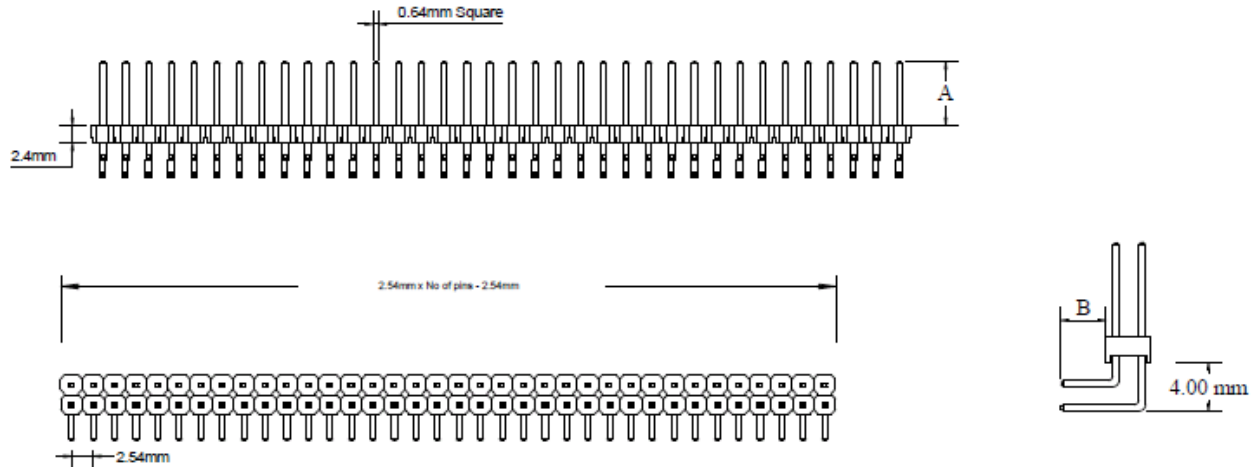




WINSLOW ADAPTICS

Data Sheet – 0.64mm Square Post Un-shrouded Header W829 Series



ALL DIMENSIONS ARE NOMINAL

W829

Series

XX

No of Pins

X

Plating -
T - Tin
G - Gold

T38xxRC - RoHS compliant Tin

XX

Series Suffix

XX

Dimensions

Suffix	Dimension A	Dimension B
34	4.80mm	5.11mm
03	5.70mm	2.50mm
04	5.72mm	5.10mm
22	5.80mm	3.40mm
21	6.70mm	3.20mm
20	7.00mm	2.90mm
25	7.00mm	3.00mm
31	7.40mm	2.54mm
19	8.00mm	2.80mm
36	9.70mm	5.84mm
33	12.50mm	2.54mm
32	13.00mm	2.54mm



Data Sheet – 0.64mm Square Post Unshrouded Header W829 Series

General Specifications. Unless stated all values are typical.

Contact

Resistance:	20 Milliohms Max
Current Rating:	1 amp max.
Dielectric Withstanding Voltage:	AC 650 Volts RMS at Sea Level
Material:	Half Hard Brass.
Plating:	6.0 microns pure bright tin over 2.5 microns nickel.

Moulding

Material:	30% Glass Fibre-Reinforced Polyester (Polybutylene Terephthalate - PBT)
Insulation Resistance:	5000 Megohms (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



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 converter. We specialise in conversion of all package lead-frames. For further information please contact your nearest sales office