

# MICRON SEMICONDUCTOR LIMITED

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11th June 2014

**QUOTATION NO: 7306 rev 1**

**VAT NO. GB376-8710-14**

- 1) Silicon Microstrip Detector  
Part Designation: **W1(SS)-20** Type 2M, Ceramic

Window: Type 2M (< 1 micron)  
Active Area: 50 mm x 50 mm  
No of Channels: 32 (16 per side)  
Thickness: 20  $\mu\text{m} \pm 5 \mu\text{m}$   
Thickness Uniformity:  $\pm 1.5 \mu\text{m}$   
Full Depletion: 5V max  
Operating Voltage: FD to 2 xFD  
Total Current (FD): 250 nA maximum  
Strip Capacitance (FD): 1000 pF typical  
Interstrip (Ohmic) (DS) only 100 K min 10 M typical  
Total Alpha (Junction): 300 KeV  
Total Alpha (ohmic): 300 KeV  
Package: Ceramic, 1 mm (A-3603)  
Alpha subject to total capacitance  
Connector: 90 degree header from ohmic side  
Minimum Acceptance Level: 100% (All Channels Operational)

### Supply

Quantity 2 – 9 , **W1(SS)-20** Type 2M, Ceramic  
UNIT PRICE: Euro6000

Delivery: 4 months from order acceptance.

Prices: EUROS, CIF Euro180 (1 shipment)

Payment Terms: Net 30 Days

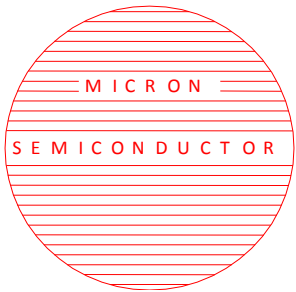
Warranty: 12 months manufacturing defects/specification attributed to Micron Semiconductor  
Limited from INVOICE DATE.

Origin: UK/EEC

Quotation Validity: 31<sup>st</sup> October 2014



· Silicon Solid State Detectors ·  
Astrophysics · High Energy Physics · Nuclear Physics  
Electro Optics · Radioactive Beam Physics



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COLIN D WILBURN, DIRECTOR



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