WAFER TEMPERATURE SENSORS

Type K Thermocouple Specification Detail:

Accuracy:	+/- 0.4% or 1.1°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-270 - 1372°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type T Thermocouple Specification Detail:

Accuracy:	+/- 0.4% or 0.5°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-270 - 400°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type N Thermocouple Specification Detail:

Accuracy:	+/- 0.4% or 1.1°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-270 - 1300°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type E Thermocouple Specification Detail:

Accuracy:	+/- 0.4% or 1.1°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-270 - 1000°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type J Thermocouple Specification Detail:

Accuracy:	+/- 0.4% or 1.1°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-270 - 1200°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type R Thermocouple Specification Detail:

Accuracy:	+/- 0.1% or 0.6°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-50 - 1768°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm

Type S Thermocouple Specification Detail:

Accuracy:	+/- 0.1% or 0.6°C Whichever is Greater
Sensor to Sensor Uniformity:	+/- 0.1°C
Operational Range:	-50 - 1768°C
Wire Diameter:	0.254mm, 0.127mm
Sensor Size:	6mm, 3mm



SECTION SEMI

The information contained hereon shall be considered the sole property of Thermo Electric Company, Inc. The recipient thereof agrees not to disclose or reproduce said information to parties outside the recipients organization without the written permission of Thermo Electric.

TEMPERATURE MEASUREMENT DESIGNER'S GUIDE

SPECIFICATION DETAILS

Doc. No.: TE-CO010109-SEMI-080