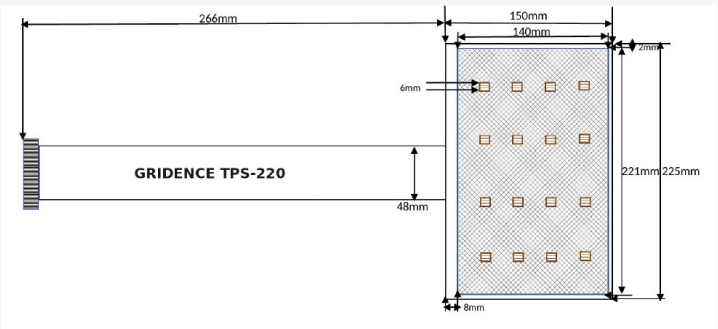
GRIDENCE

TPS-220

Thin-Film Temperature & Pressure Sensor



GENERAL	
Product	**Thin-Film Temp & Pressure Sensor**
Model	**GRIDENCE TPS-220**
Construction	**Flexible thin-film laminate**
Connection	**Edge-card tab (DDR-compatible)**

PRESSURE ARRAY	
Column pitch / count	**2.0 mm × 111**
Row pitch / count	**2.0 mm × 70**
Total sensing points	**7,770**
Point density	**25 points / cm²**

COMPATIBILITY & SUPPORT	
Acquisition unit	**GRIDENCE DAQ-100**
Warranty	**12-month limited warranty**

SENSING AREA	
Sensor frame (L × W)	**225 × 150 mm (8.9 × 5.9 in)**
Active array (W × L)	**140 × 221 mm (5.5 × 8.7 in)**
Lead length	**266 mm (10.5 in)**
Tab width	**48 mm (1.9 in)**

TEMPERATURE SENSING	
Temperature channels	**16**
Sensing element size	**6 × 6 mm**

PERFORMANCE	
Pressure ranges	**100 / 350 / 500 PSI**
Operating temperature	**-4 °F to 248 °F (-20 to 120 °C)**

Compliance and certification documentation available upon request.

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