

TEMPERATURE SENSOR



GENERAL INFORMATION

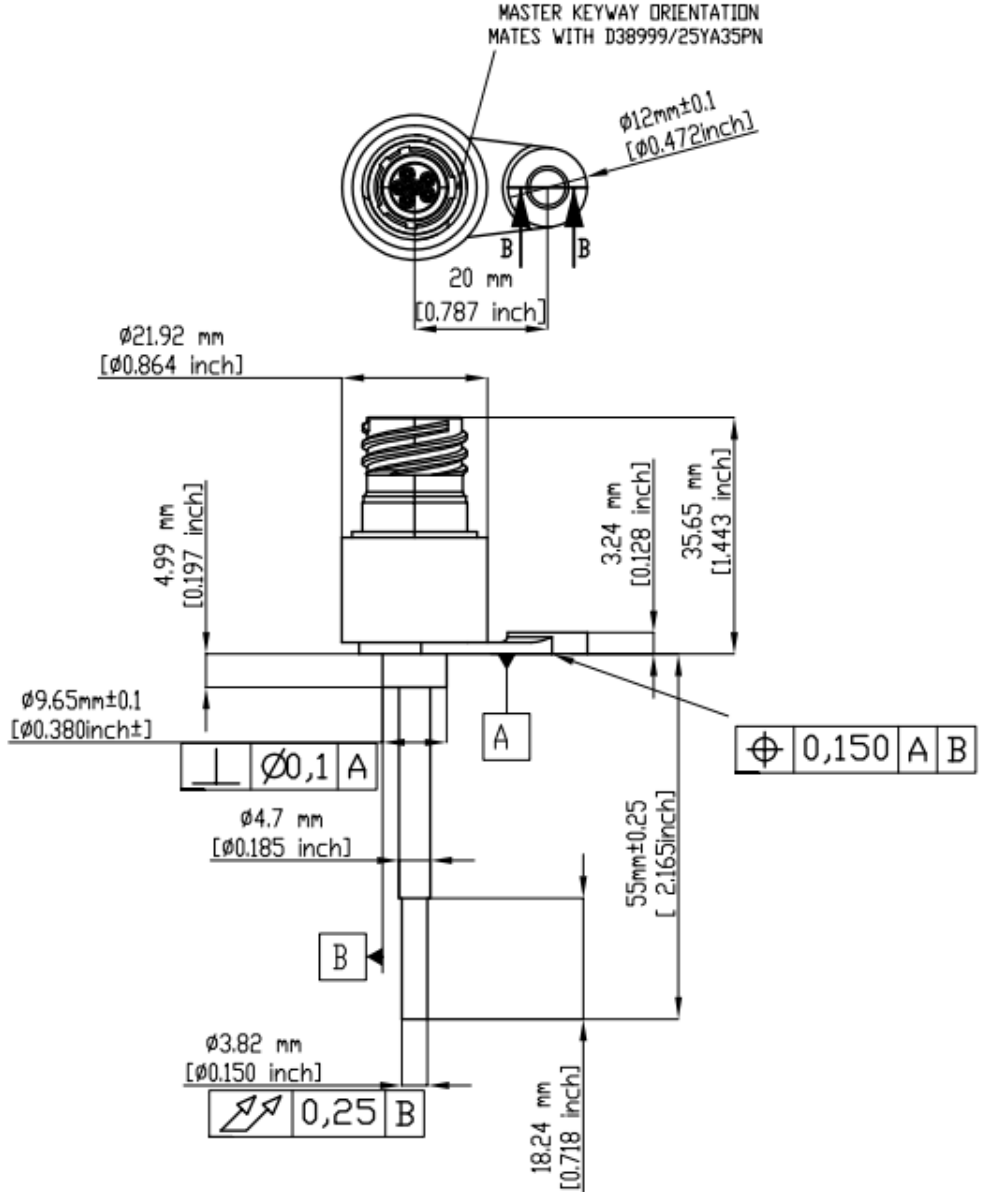
Ekinler Endüstri RTD temperature probes has been designed to maximize isolation of the element and the probe from the mounting fitting and shell. This results in faster response and the least possible conductivity error. Construction features a S.S. shell with integral probe, welded to a S.S. hermetic connector. A lower cost aluminum shell with mechanically mounted connector (non-hermetic) is available. The mounting fitting, probe dia., probe length and connector type are customized for each application.

FEATURES

RTD Package	MIL-DTL-7990d standard RTD
Type	Thin film platinum connection via leads
Resistange Range	100Ω, 500Ω, 1000Ω
Accuracy	Class A (F0.15 according to DIN EN 60751
Operating Temperature	-60 °C to 160 °C
Insulation Resistance	20 MOhm min. terminal to case
Housing Material	Stainless Steel
Termination	D38999 Series Connectors
Typical Apps	Aerospace, test and measurement
Approvals	RTCA DO-160G

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MECHANICAL INTERFACE



ELECTRICAL INTERFACE

Connector Contact Position	Description
Pin1	RTD1-A
Pin2	RTD1-B
Pin3	RTD1-B (Thrid Wire)
Pin4	RTD2-A
Pin5	RTD2-B
Pin6	RTD2-B (Thrid Wire)