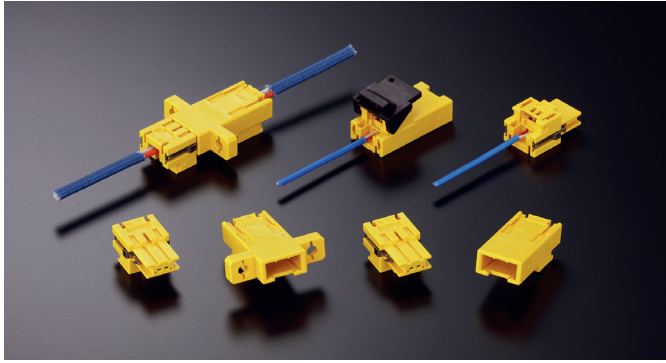


Thermocouple Connector



TE Connectivity's new K-type Thermocouple connector enables easy connection with thermocouple wire. The unique spring terminal concept enables outstanding connectivity compared with the traditional screw type termination. The "push-on lock concept" allows easy mating while the unique shape of the metal-locking mechanism prevents unintentional unmating.

FEATURES

- 2 position for K type Thermocouple (+ : Chromel / - : Alumel)
- Touch Proof design supports IP20 degree of protection
- The unique shape metal-locking mechanism prevents unintentional unmating
- Supports Free-hanging and Panel Mount solution

BENEFITS

- Spring Clamp concept ensures outstanding connectivity/manufacturability
- The "Push-on lock concept" allows easy mating and secure locking which enables a highly reliable connections
- Space saving compact design
- Better Mating Reliability because of the metal lock concept which prevents unintentional un-mating and is supported by an audible click when mated
- Better assembly productivity; The spring clamp solution reduces the wire termination time considerably compared to current market standard screw termination solutions

APPLICATIONS

- Semiconductor Machinery
- Injection Molding Machine
- Machine Tool Equipment

MATERIAL

Contact: + : Chromel / - : Alumel

Housing: Thermoplastic

Strain Relief: Stainless steel

SPECIFICATION

Type of Thermocouple: K type

Position number: 2 pos

Operation temperature: -20 °C to 220 °C
(In case of higher than 150 °C environment, do not reuse the connector)

Wire termination: Spring Clamp

Wire size: AWG#32-#20

PART NUMBERS

Description	Part Number
Receptacle Connector	1-2299959-1
Tab Connector (Free Hanging)	1-2299960-1
Tab Connector (Panel Mount)	2-2299960-1
Opener for spring terminal	2295226-1
Strain Relief for cable	2295205-1
Grommet for cable	2295225-1

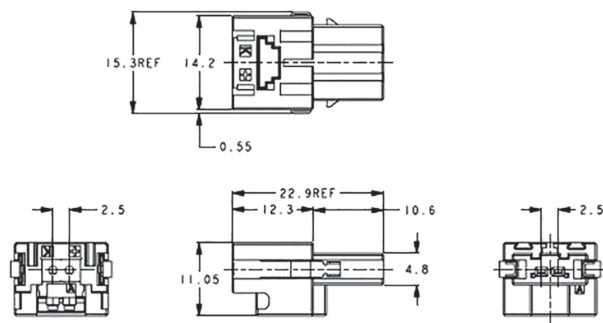
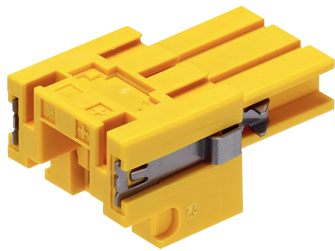
STANDARDS & SPECIFICATIONS

- 108-140100 / 501-78646

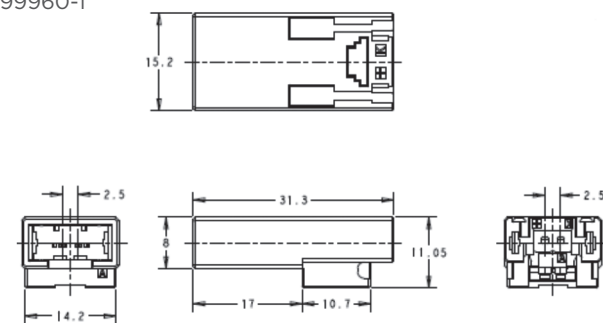
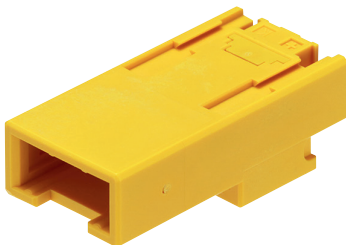
Thermocouple Connector

PRODUCT OVERVIEW

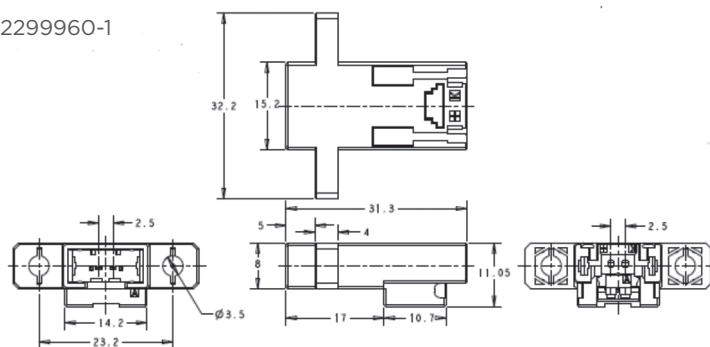
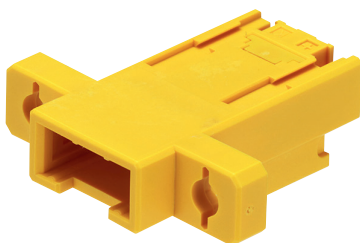
Receptacle Connector, Part-Number: 1-2299959-1



Tab Connector (Free Hanging), Part-Number: 1-2299960-1



Tab Connector (Panel Mount), Part-Number: 2-2299960-1



OPTIONAL PARTS

Description	Part Number
Opener for spring terminal	2295226-1
Strain Relief for cable	2295205-1
Grommet for cable	2295225-1



Opener



Strain Relief



Grommet

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