



Cable-to-Board Vertical 1 Position Board Mount E Code
Signal -40 – 105 °C (-40 – 221 °F) FAKRA Data
Connectivity Headers

Part Number:

TE-5-2203452-5

Basic Information

Number of Positions	1.0
Series	FAKRA
Tcpn	5-2203452-5
Product Description	MALE ASM, 1 POS, VERT, PCB, KEY E
Mixed & Hybrid Connector	No
Connector System	Cable-to-Board
Number of Rows	1.0
PCB Mount Orientation	Vertical
Keying Code	E
Contact Type	Pin
Center Contact	With
Connector Mounting Type	Board Mount

Mechanical Specification

Mating Pin Diameter	.5 mm (.02 in)
Connector Height	11.45 mm (.45 in)
Product Length	13.8 mm (.543 in)
Product Width	7.5 mm (.295 in)

Material Specification

Contact Mating Plating	Gold (Au)
Connector Center Contact Plating	Gold (Au)
Housing Color	Green
Body Material	Nylon GF Zinc
Outer Contact Plating	Tin (Sn)
PCB Retention Plating	Tin

Electrical Specification

Connector & Contact Terminates To	Printed Circuit Board
Contact Current Rating (Max) (A)	1.0
Termination Method to PCB	Through Hole - Solder
Mating Retention	With
PCB Mount Retention	Without
Impedance (Ω)	50.0
Operating Voltage (VAC)	800.0

Environmental Specification

Sealable	No
Operating Temperature Range	-40 – 105 °C (-40 – 221 °F)
Operating Temperature (Max) (°C)	65 70 75 80 85 90 100 105
Operating Temperature (Max) (°F)	221

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.