



Wire-to-Board / Wire-to-Device Horizontal 1 Position  
Board Mount G Code Signal -40 – 100 °C (-40 – 212 °F)  
FAKRA Data Connectivity Headers

Part Number:

**TE-638817-7**

### Basic Information

Number of Positions	1.0
Series	FAKRA
Tcpn	638817-7
Product Description	D/C R/A PCB FAKRA SMB ASY,KEYG
Mixed & Hybrid Connector	No
Connector System	Wire-to-Board   Wire-to-Device
Number of Rows	1.0
PCB Mount Orientation	Horizontal
Keying Code	G
Contact Type	Pin
Center Contact	With
Connector Mounting Type	Board Mount
Assembly Process Feature	Board Standoff

### Mechanical Specification

Mating Pin Diameter	.5 mm (.02 in)
Connector Height	10.75 mm (.423 in)
Product Length	23.88 mm (.937 in)
Product Width	8.1 mm (.319 in)
PCB Mount Retention Type	Solder Tail

### Material Specification

Contact Mating Plating	Gold (Au)
Connector Center Contact Plating	Gold (Au)
Housing Color	Gray
Body Material	PBT
Outer Contact Plating	Tin (Sn)
PCB Retention Plating	Tin

### Electrical Specification

Contact Current Rating (Max) (A)	1.0
Termination Method to PCB	Through Hole - Solder
Mating Retention	With
PCB Mount Retention	With
Operating Voltage (VDC)	60.0
Impedance ( $\Omega$ )	50.0

### Environmental Specification

Sealable	No
Operating Temperature (Max)	100 °C (212 °F)
Operating Temperature Range	-40 – 100 °C (-40 – 212 °F)

### 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.