

10120045-400LF - RotaConnect™ : 4 position hermaphroditic rotatable board-to-board connector



www.fci.com

Specifications

Mechanical

Durability (Mating cycles)	≤20 Mating cycle
Withdrawal Force	679 grams min.
Mating force	990 grams max.
Wipe (Contact)	1.25mm
Dimensional	
Height (Above board)	3.7mm
Height (Mated)	12.23mm
Practical Height	13.1mm
Electrical	
Current rating	Up to 5A
Voltage rating (Operating)	125V
General	
Gender	Hermaphroditic
Orientation	Rotatable
Product Style	Board Connector
Guide Feature	Yes
Number of Positions	4
Mating half	Mates with all 4 position hermaphroditic RotaConnect™ board-to-board connector
Mounting	
Polarization pegs (Board)	No
Retention feature (Board)	Brackets
Solder process (Lead-Free)	Reflow Solder
Other Features	
Most Popular Configuration	Yes
Packaging (Type)	Tape and Reel
Vacuum Pick-up Cap	No
Physical	
Color	Natural
Material (Contact)	Copper Alloy
Material (Housing)	High Temperature Thermoplastic
Plating (Contact area)	30u" GXT
Plating (Solder area)	Matte Pure Tin 3µm min.
Underplating (Contact)	Nickel
Resistance to Solder Heat	260°C for 10 sec
Temperature (Range)	-40°C to +125°C