

Item name – Hermetically sealed Vacuum electrical feedthroughs

Quantity: 5 numbers

Detailed Specifications:

No. of electrical contacts	Greater than or equal to 50
contact current rating	greater than 1 amperes
Contact type	socket on both side of the feedthrough
Contact coating	gold coated contacts
Connection type	standard D-Sub connection complying to MIL-DTL-24308 standards
Mounting	feedthrough Mountable from both connector side face with fasteners on a flange with cut-out
no of fasteners	Minimum 4 number of M3 threaded holes on both side
Feedthrough housing	Aluminium alloy
Vacuum sealing	By Viton (fluorocarbon) O-ring on both side
Connector shell material	Brass
Insulator	Glass filled DAP
Operational temperature range	-30 degree Celsius To +80 degree Celsius or wider range
Helium leak rate at ambient temperature	less than 10^{-8} mbar litre per second under a vacuum of 1.5×10^{-2} mbar