



NICOMATIC is certified  
ISO9001:2008 / EN9100:2009

# OMM Series 8

Maximum reliability in less than 2 grams

## PART NUMBERING

Configure your OMM to meet your requirements

Micro circular connector range

Gender (1 = male / 2 = female)

Contact termination\*

Housing size (8 position)

Fixing Hardware

Male = Jackscrew

F21: nut insert M2

F22 with Y: pcb 0.8 – 2mm

F24 with YL: pcb 1.5 – 4mm

F22, F24, F24L with TL (for F24L: pcb 3.5 – 6mm max)

Female = Jackscrew

HO1 / HO1C (captive screw\*)

OM 1 Y 08 F24 x..x



Cavity loading selection

Refer to diagram below

## CAVITY LOADING SELECTION

Select cavity loading according to LF contact position number



Example  
OM1YL08F241257

## STANDARD RANGE

- Housing size: 8 positions (6 or 10 upon request)
- Contact termination\*
  - Male Straight PCB
  - Y for pcb 0.8-2mm / YL for pcb 1.5-4mm
  - Male Straight SMT
  - TL for pcb any thickness
  - Female to crimp on cable
  - C for AWG 22: / S for AWG 24-28
- Other configurations and features upon request: Shielding, gasket, back-potting

## TECHNICAL DATA

- Temperature -60°C +260°C
- Current per contact 3A
- Complies with MIL-DTL-55302F
- Contacts Gold plated 1µm (male), >1.25µm (female)

OMM™

NICOMATIC

Manufacturer and designer of  
innovative interconnect solutions

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## FEATURES

- Board to cable
- From 1 to 8 contacts
- MIL-DTL-55302F
- Captive screw fixing
- Cavity loading selection
- Removable contacts

## APPLICATIONS

- Aeronautic
- Defense & Security
- Unmanned Aerial Vehicles (UAV)
- Unmanned Vehicle Systems (UVS)
- Robotics
- Civil security industry
- Medical...



## MAIN BENEFITS

- Up to 50% weight and space saved vs. CMM 220
- Easy & secure interconnection
- Reliability for harsh environments & small spaces
- Modularity 1 to 8 contacts
- Easy maintenance

