ADVANTAGES

- Low profile one block connection
- Ergonomic (3mm high) & robust solution
- Secure and easy assembly according to your need
- Design flexibility
- REACH & RoHS compliant

FUNCTIONALITIES

- Wire to flat non-disconnectable application
- Available from 1 to 20 ways at 2.54mm pitch (0.1”)
- For male & female contacts
- Compatible with FFC/FPC cables, jumpers, Crimpflex™ and AWG 22-26 round wire
TECHNICAL DATA

HOUSING
New low profile crimp to discrete non-disconnectable housing. DFM series offers a thin housing (3mm high at 2.54mm pitch) and complies with CrimpFlex® electrical, thermal and mechanical characteristics making it the ideal solution for design engineers who need to transfer signals from flat to round cable.

FFC
Nicomatic Flat Flexible Cable can be used with CrimpFlex®, MicroFlex® and discrete wire to flat cable connections. It ensures board to board, board to wire & wire to flat interconnections.

HOW TO ORDER
DFM-XX
Use this P/N for housing. For FFC & contacts, please refer to the information above. Other sales options to suit your needs are available.

OTHER INFORMATION

Proven CrimpFlex® SPECIFICATIONS:
- Temperature: -40°C to +150°C
- Electrical: Direct current / contact: 3A permanent
- Rated Voltage: 250V AC Dc
- Mechanical Retention
- Material: UL94V-0
- Halogen free

HOW TO CHOOSE YOUR CONTACTS
To crimp on Flat cables:
- 12410-12 male contact (tin plated: Ni 1-2µ+ Sn 3-5µ)
- 12410-32 male contact (gold plated: Au 0.15µ)
- 14106-12 female contact (tin plated: Ni 2µ + Sn 5µ)
- 14106-32 female contact (gold plated: Ni 2µ + Au 0.15µ)
To crimp on wire cables*:
- AWG 22-26
- 14671-12-male contact*
- 14672-12-female contact*
- 14671-32-male contact*
- 14672-32-female contact*

TOOLING
PNEUMATIC PRESS - 10500-SA(P)  Crimping male & female contacts CRIMPFLex® type on jumpers or flexible circuits.
MANUAL PRESS - 10025-MO  To crimp solder tabs and female contacts (up to 25pcs).
MANUAL PRESS - 10025-SP  To crimp male pin contacts.
HAND CRIMP TOOL - 14841  To crimp standard round cable: 22-28 AWG. Nicomatic is able to provide sub-contract assembly services. For high volumes, automated crimp tools available on the market

INSTRUCTION & DRAWINGS
available on:
www.nicomatic.com

FOR MORE INFORMATION
contact us:
nicomatic@nicomatic.fr

→ www.nicomatic.com
Material: PA 6/6G V25 to 35 UL94 V0 black

Specifications:
- Rated Voltage 250V AC/DC
- Rated Current 3A
- Withstand Voltage 800V AC/minute
- Insulation Resistance 1000 M Ohms/min
- Temperature Range -25°C to +85°C

TOLERANCES

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ANGULAR, MACH 1 BEND 2
TWO PLACE DECIMAL 3: THREE PLACE DECIMAL 4

INTERPRETING TOLERANCING PER:

MATERIAL

XX = 1 to 20
Tolerance +/- .15 unless otherwise indicated.
Dimensions are in mm