



NICOMATIC

CREATIVE
INTERCONNECT
SOLUTIONS

Product
datasheet



DFM

DISCRETE TO FLAT MONOHOUSING
DFM-XX

ADVANTAGES

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

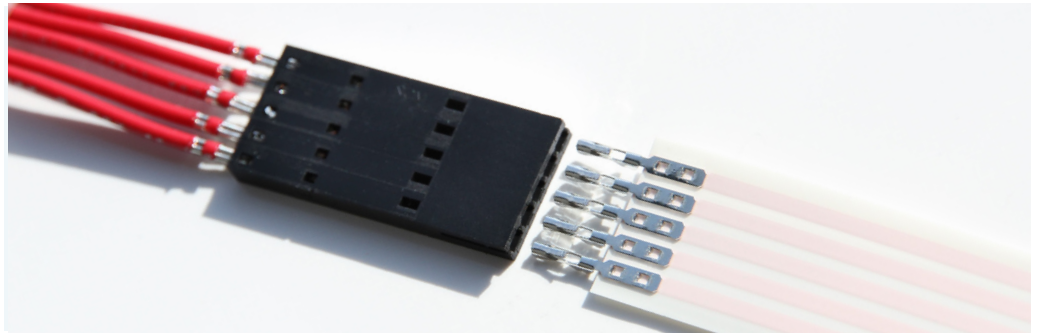
FUNCTIONALITIES

- 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

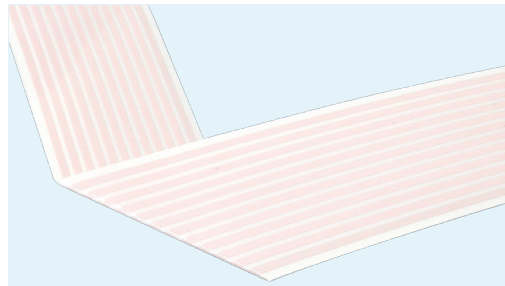
HOUSING

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.



STANDARD FFC



CUSTOM FFC

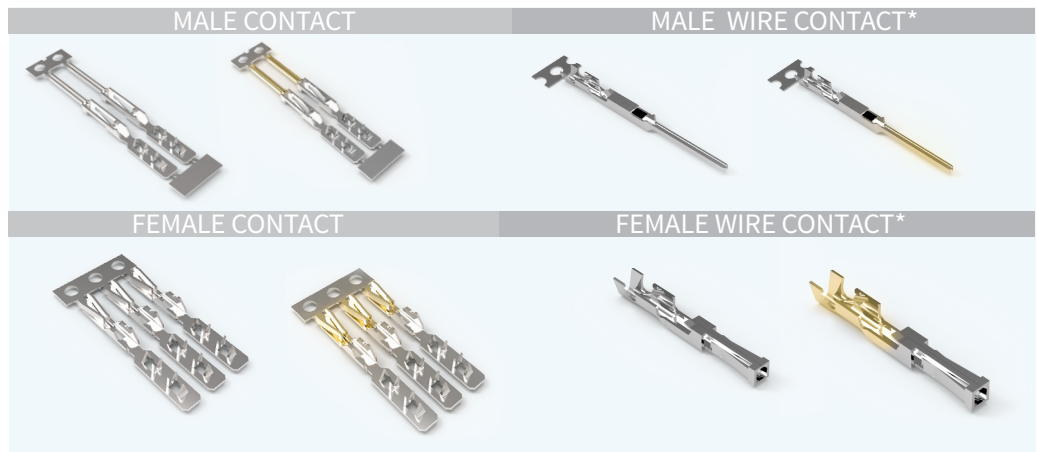
HOW TO CHOOSE YOUR CONTACTS

To crimp on Flat cables:

- 12410-12 male contact (tin plated: Ni 1-2 μ + Sn 3-5 μ)
- 12410-32 male contact (gold plated: Au 0,15 μ)
- 14106-12 female contact (tin plated: Ni 2 μ + Sn 5 μ)
- 14106-32 female contact (gold plated: Ni 2 μ + Au 0.15 μ)

To crimp on wire cables*:

- AWG 22-26
- 14671-12-male contact*
- 14672-12-female contact*
- 14671-32-male contact*
- 14672-32-female contact*



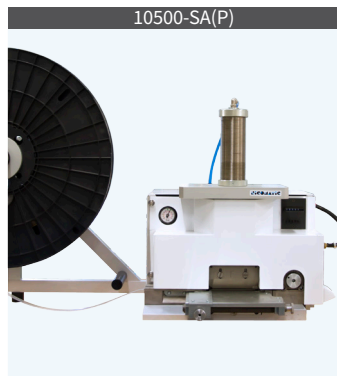
TOOLING

PNEUMATIC PRESS - 10500-SA(P)
Crimping male & female contacts CRIMPFLX® 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



10500-SA(P)



10025-MO & SP



14841

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 ORDER DFM-XX

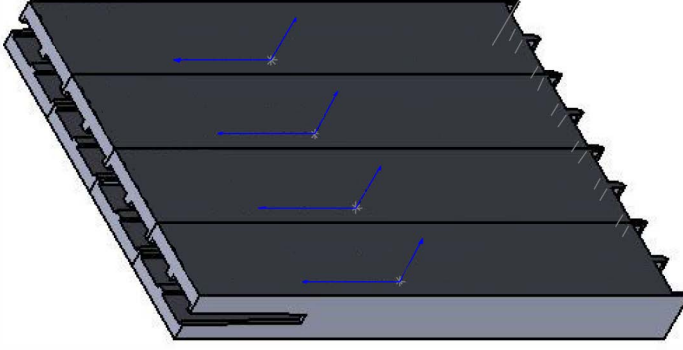
Use this P/N for housing.
For FFC & contacts, please refer to the information above.
Other sales options to suit your needs are available.

INSTRUCTION & DRAWINGS
available on :

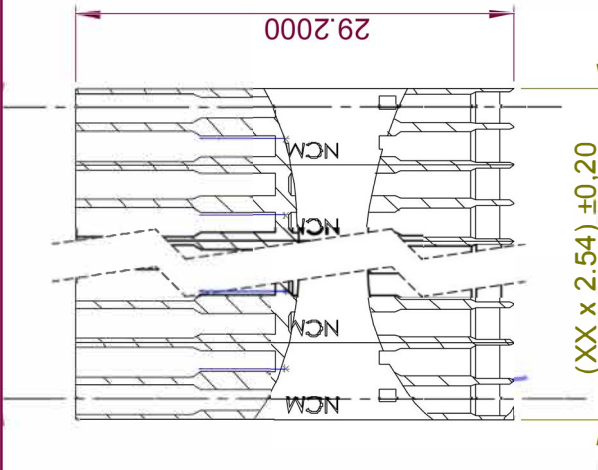
www.nicomatic.com

FOR MORE INFORMATION
contact us:

nicomatic@nicomatic.fr



$((XX-1) \times 2.54) \pm 0.10$ non cumulative



Material : PA 6/6GV 25 to 35 UL94 V0 black

Specifications :

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

PROPRIETARY AND CONFIDENTIAL
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TITLE:

DFM

DRAWN	NAME	DATE
CHECKED	T. Culp	5-1-14
ING APPR		
MFG APPR		
Q.A.		
COMMENTS		
XX= 1 to 20		
Tolerance +/- .15 unless		
otherwise indicated.		
Dimensions are in mm		
UNLESS OTHERWISE SPECIFIED:		
DIMENSIONS ARE IN INCHES		
TOLERANCES		
FRACTIONAL ±		
ANGULAR: MACH ± BEND ±		
TWO PLACE DECIMAL ±		
THREE PLACE DECIMAL ±		
INTERPRET GEOMETRIC		
TOLERANCING PER:		
MATERIAL		
FINISH		
DO NOT SCALE DRAWING		
NEXT ASSY	USED ON	
APPLICATION		

SIZE **A** DWG. NO. **DFMXX_C1** REV **A**

SCALE: WEIGHT: Sheet 1 of 1