



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

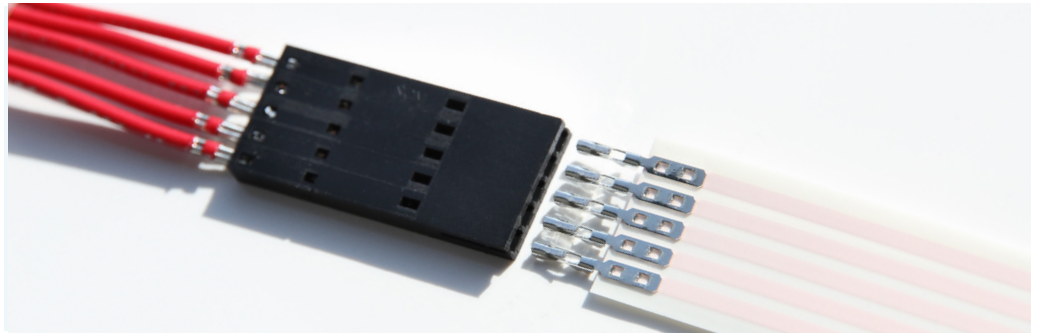
FUNCTIONALITIES

- 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

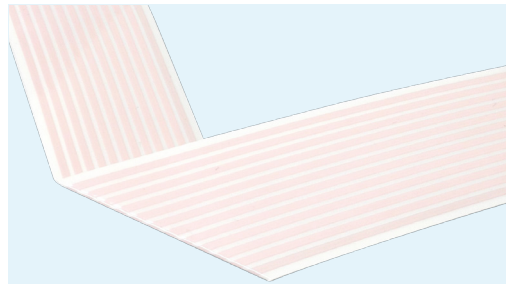
HOUSING

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 1-2μ + 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)

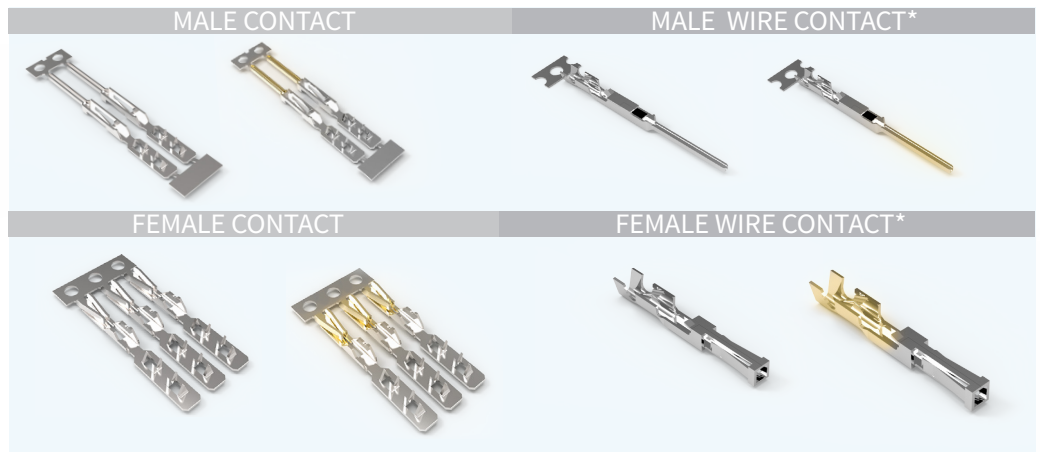
To crimp on wire cables*:
AWG 22-26

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 CRIMPFLX® type on jumpers or flexible circuits.

MANUAL PRESS - 10025-MO

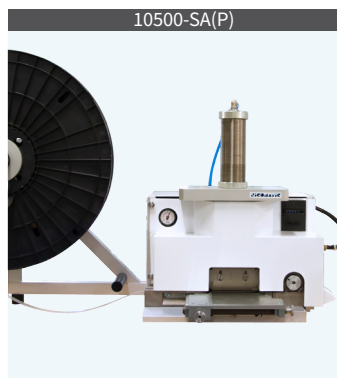
To crimp solder tabs and female contacts (up to 25pcs).

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



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.

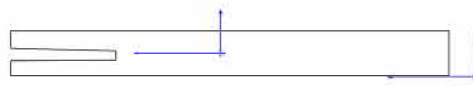
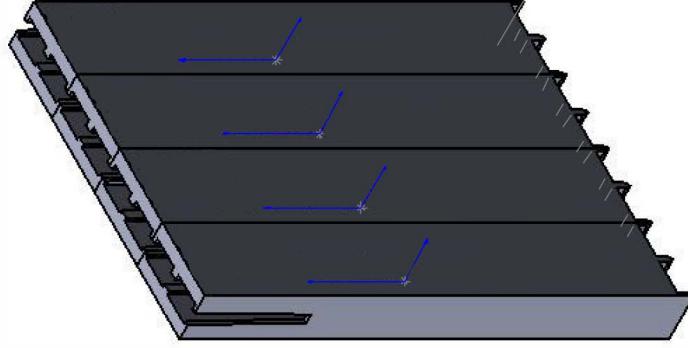
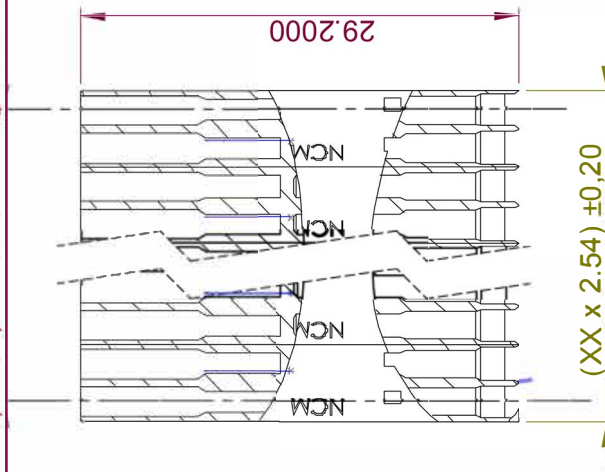
INSTRUCTION & DRAWINGS
available on :

www.nicomatic.com

FOR MORE INFORMATION
contact us:

nicomatic@nicomatic.fr

$((XX-1) \times 2.54) \div -0.10$ 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
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
NICOMATIC. ANY REPRODUCTION IN
PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF NICOMATIC IS
PROHIBITED.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTIONAL: ±
ANGULAR: MACH ± BEND ±
TWO PLACES DECIMAL ±
THREE PLACES DECIMAL ±

INTERPRETATION

FINISH	MATERIAL	TOLERANCING PER INTER-REL GEOMETRIC
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DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
	DIMENSIONS ARE IN INCHES		T. Culp
	TOLERANCES		
	FRACTIONAL ±	DRAWN	
	ANGULAR: MACH ±	CHECKED	
	TWO PLACED DECIMAL ±	ENG APPR	
	THREE PLACED DECIMAL ±	MFG APPR	
	INTERPRET GEOMETRIC	Q. A.	
	TOLERANCING PER	COMMENTS	
	MATERIAL	XX= 1 to 20 Tolerance +/- .15 unless otherwise indicated. Dimensions are in mm	
	FINISH		
NEXT ASSY	USED ON		
APPLICATION			

165 Veterans Way, Unit 200
Warminster, PA 18974
Phone (215) 444-9580
Fax (215) 444-9581



THE

DEM

SIZE	DWG. NO.	REV
A	DFMXX_C1	A
SCALE:		WEIGHT:
		Sheet 1 of 1