Jumper Cables

RoHS compliant

TECHNICAL DATA

- **The flat cables used for NICOMATIC flexcable jumpers equipped with CRIMPFLEX® connectors, are made of two flat copper conductor laminated between two layers of polyester / adhesive insulation.**

DIMENSIONS

- **Bare copper conductors, section 1.57mm (width) x 0.076mm (thickness).**
- **Pitch : 2.54 mm.**
- **Number of conductors : 2 to 36*.**
- **Insulators thickness : 0.1 mm.**

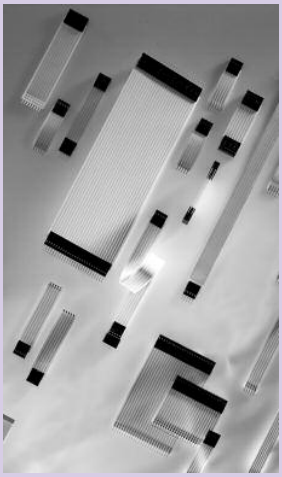
* Higher number of conductors are available by special request

ELECTRICAL SPECIFICATIONS

Operating voltage	300 V RMS
Withstand voltage	1100 V RMS
AC current rating per conductor	3 A
Resistance	160 Ω /Km

CERTIFICATES

- **UL E 235596 / UL E 232912 / UL E 203388**
  (Appliance Wiring Material - Component)



THERMAL SPECIFICATIONS

CABLE	- 55° C to + 105° C
UL Flame rating	VW-1

MECHANICAL SPECIFICATIONS

Flex life	0 = once 25 mm = 10 million cycles

JUMPER CABLE CODES FOR PART NUMBERING SYSTEM ON PAGE 31

CONTACTS TABLE

CODE	PART NUMBER	CODE	PART NUMBER
F1	10025-12	M4	12410-32
F2	10025-32	S1	10241-12
F3	11506-12	S2	10141-12
F4	11506-32	S3	10167-12
F5	14106-12	S4	10067-12
F6	14106-32	S5	12887-12
M1	13595-12	S6	11612-12
M3	12410-12	OTHERS ALSO POSSIBLE	

HOUSINGS TABLE

CODE	PART NUMBER	CODE	PART NUMBER
V	IL xx	D	OD xx
H	OF xx	2	2E xx
N	OM xx	7	7F10 xx
L	OL xx	I	IE xx
P	OP xx	OTHERS ALSO POSSIBLE	

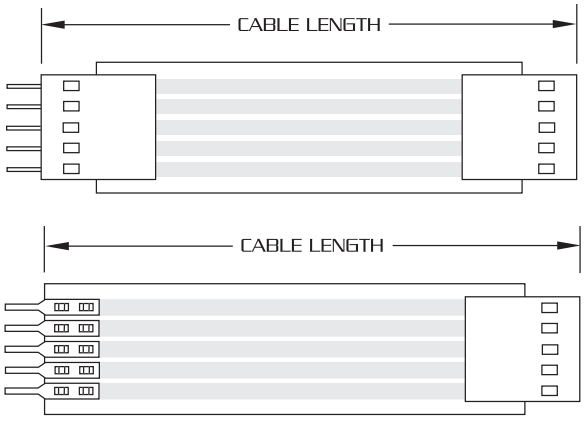
For Flex to discrete wire connection, please consult us.

Jumper Cables

Part Numbering System Using the CRIMPFLEX® Connector System

254 PW 14 E 0305 — **S1(B)(K)F2L(B)(K)(R)**

- **Pitch**
  254 – 2.54 mm
- **Style**
  PW – Standard White Polyester
- **Number of Conductors**
- **Conductor Size** (Bare)
  E – 0.076 mm x 1.57 mm
- **Length in mm**
  (Measured from End to End)



Connector Style
(Tin Plating Standard)

SOLDERTAB

- S1 – Standard Solder Tab, P/N 10241-12
- S5 – Double Retention Solder Tab, P/N 12887-12

FEMALE

- *F1X – High Insertion Force Female Contact, P/N 10025-12
- *F2X – High Insertion Force Female Contact, Selective gold plating, P/N 10025-32
- *F3X – Low Insertion Force Female Contact, P/N 11506-12
- *F5X – Hi Flex Female Contact, P/N 14106-12

MALE PIN

- *M1 –Short Square Male Pin, P/N 13595-12
- *M3X– Long Square Male Pin, P/N 12410-12
- *M4X– Long Square Male Pin, Selective gold plating, P/N 12410-32

***housing style must be specified, see below**

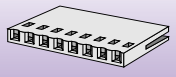
B : Bending to the crimping direction

C : Bending to the opposite side

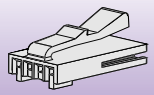
Options : B (-90° bending), C (+90° bending), K (polyimide insulator), R (crimping on the opposite side to the left), W (polyester insulator)

HOUSING - X

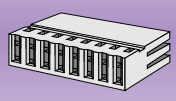
- H – Standard Housing, P/N OF-XX



- L – Latching Housing, P/N OL-XX



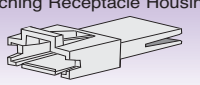
- 4 – Dual Row Housing, P/N 4F-XX



- D – Detent Style Housing, P/N OD-XX

- 7 – Low Profile Housing, P/N 7F10-XX

- V – Latching Receptacle Housing, P/N 1L-XX



— Other Options are Available, Please Contact the Factory or see page 30 —