TA106

50 pin Ribbon Cable

0.8 m ribbon cable with two 50 pin ribbon cable connectors

Version 1.0

User Manual

Issue 1.0.2

February 2011

TA106-10R   50 pin Ribbon Cable

0.8 m ribbon cable cable with two 50 pin ribbon cable connectors

Style Conventions

Hexadecimal characters are specified with prefix 0x, i.e. 0x029E (that means hexadecimal value 029E).

For signals on hardware products, an 'Active Low' is represented by the signal name with # following, i.e. IP_RESET#.

Issue	Description	Date
1.0	First Issue	April 2005
1.1	New address TEWS LLC	September 2006
1.0.2	General Revision	February 2011

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1 Product Description

The TA106 is used as a one to one connection. At both sides of the 50 pin ribbon cable a 50 pin ribbon cable connector is mounted which provide a direct connection to a lot of TEWS products. The TA106 is a simple possibility to connect the 50 pin IP interface to external applications. This cable provides a direct connection to TEWS IP Carrier, for VME, PCI and CompactPCI systems (for example TVME200, TPCI200 and TCP211).

The TA106 Ribbon Cable in conjunction with a 50pin ribbon cable terminal block, an IndustryPack® carrier module could be used for prototyping and also for series.

Length of the TA106 Ribbon Cable is at least 0.8 m.

2 50 pin Ribbon Cable Pin Assignment

X1 Ribbon Cable Connector	X2 Ribbon Cable Connector	X1 Ribbon Cable Connector	X2 Ribbon Cable Connector
1	1	26	26
2	2	27	27
3	3	28	28
4	4	29	29
5	5	30	30
6	6	31	31
7	7	32	32
8	8	33	33
9	9	34	34
10	10	35	35
11	11	36	36
12	12	37	37
13	13	38	38
14	14	39	39
15	15	40	40
16	16	41	41
17	17	42	42
18	18	43	43
19	19	44	44
20	20	45	45
21	21	46	46
22	22	47	47
23	23	48	48
24	24	49	49
25	25	50	50

Figure 2-1 : 50 pin Ribbon Cable Pin Assignment

3 Assembly Drawing

X2

additional 50 pin ribbon cable connector

PIN 49

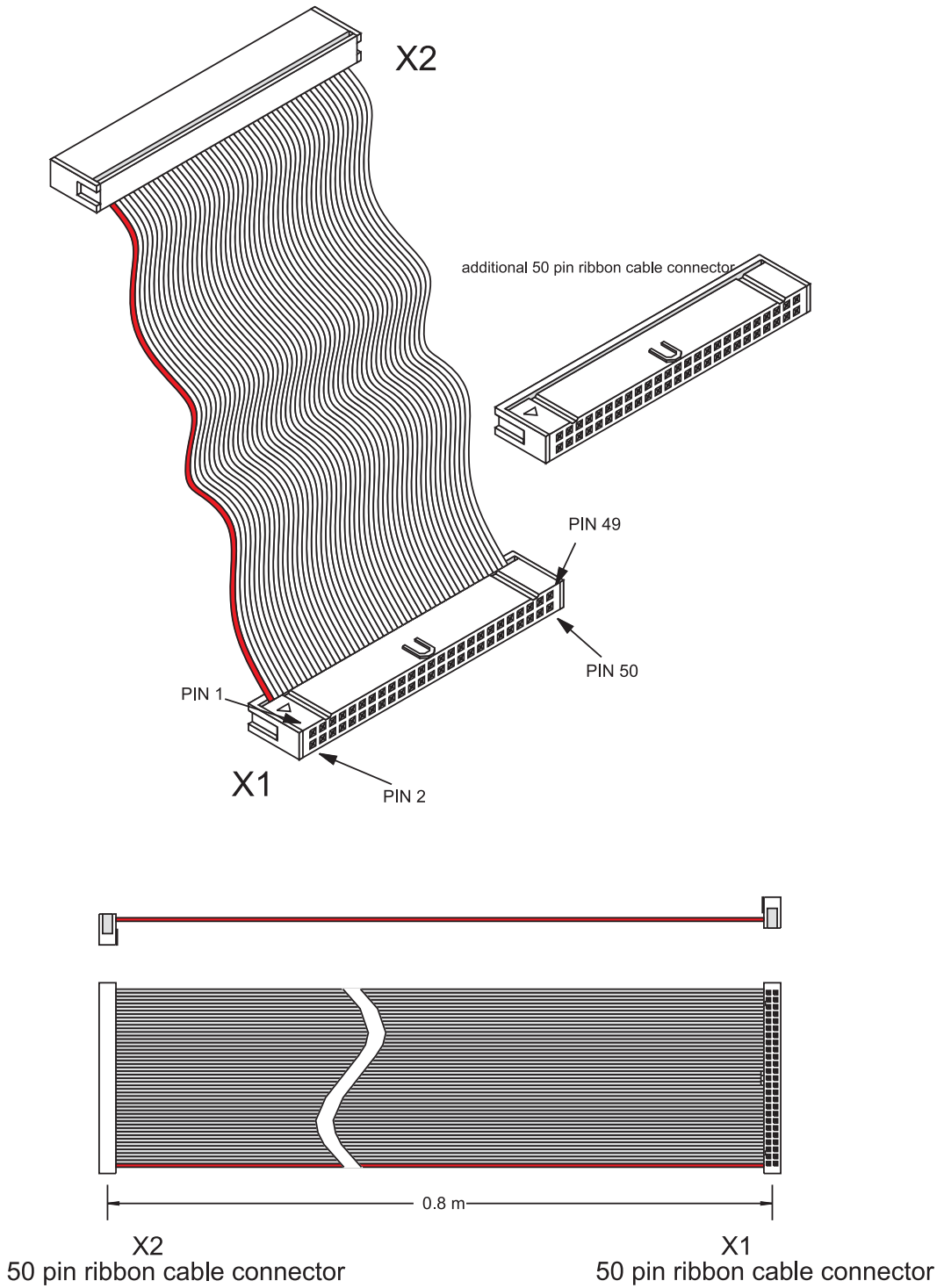PIN 1

PIN 50

X1

PIN 2

0.8 m

X2
50 pin ribbon cable connector

X1
50 pin ribbon cable connector

Figure 3-1 : Cable Assembly Drawing