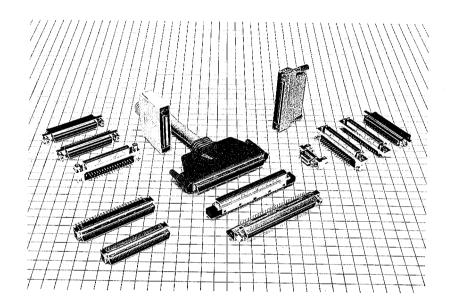
## DXM (1.27MM PITCH) SERIES HIGH-DENSITY I/O CONNECTOR

#### General

DXM series high-density I/O connectors with bellow contacts are perfect for tomorrow's miniaturized electronic devices. This new 1.27mm (0.050") interconnect design ensures positive locking, effortless coupling, terminal protection and EMI reduction in a miniaturized and rugged package. DXM series offer you one of the

most varied and complete lines of High-Density connectors in the world, i.e. IDC and Solder for the plug and right angle dip, straight dip, IDC and SMT for the receptacle. Available in 14, 20, 26, 36, 50, 68, 80, 100 and 110 way.



#### **Features**

- 1. 1.27mm (0.050") contact spacing conserves valuable board space and permits ultra-high density designs.
- Bellow contacts create smooth and precise mating and unmating.
- Unique shell design assures first make/last break grounding and overall noise protection.
- IDC termination allows quick and low cost termination to AWG #28 wires.
- Backshell and receptacle shell are made of diecast zinc alloy or stainless steel to reduce the

- penetration of external EMI noise.
- Ferrite added to DX Right Angle Dip Type for EMI Protection is available.
- Overmold backshell provided for ESD protection is available in 'One-Touch' locking and 'Screw' locking.
- 8. Termination methods are available in IDC, Soldering, Right Angle Dip, Straight Dip and SMT.

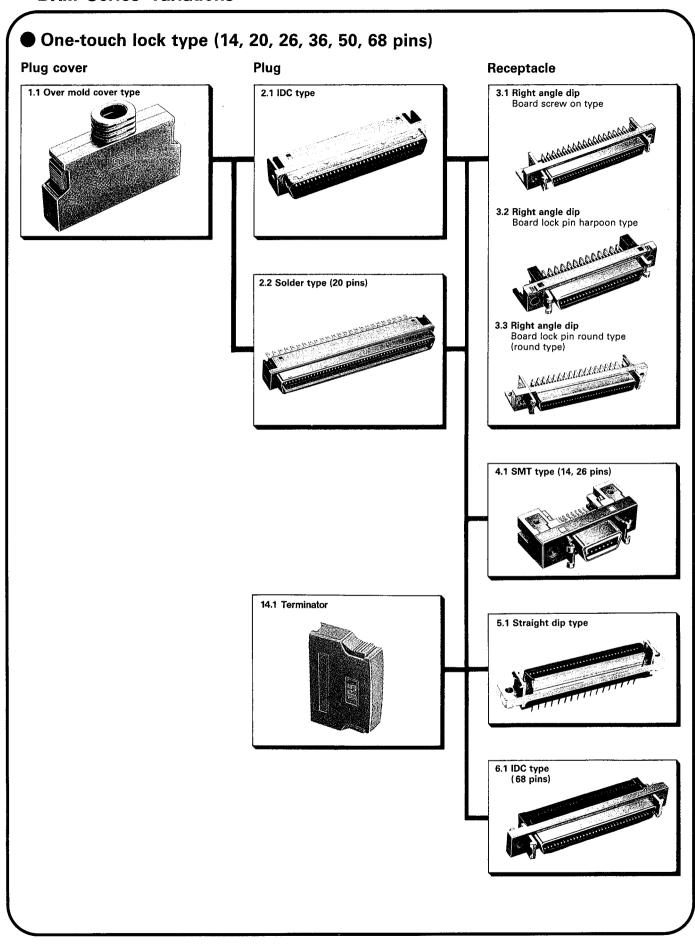
#### **Applications**

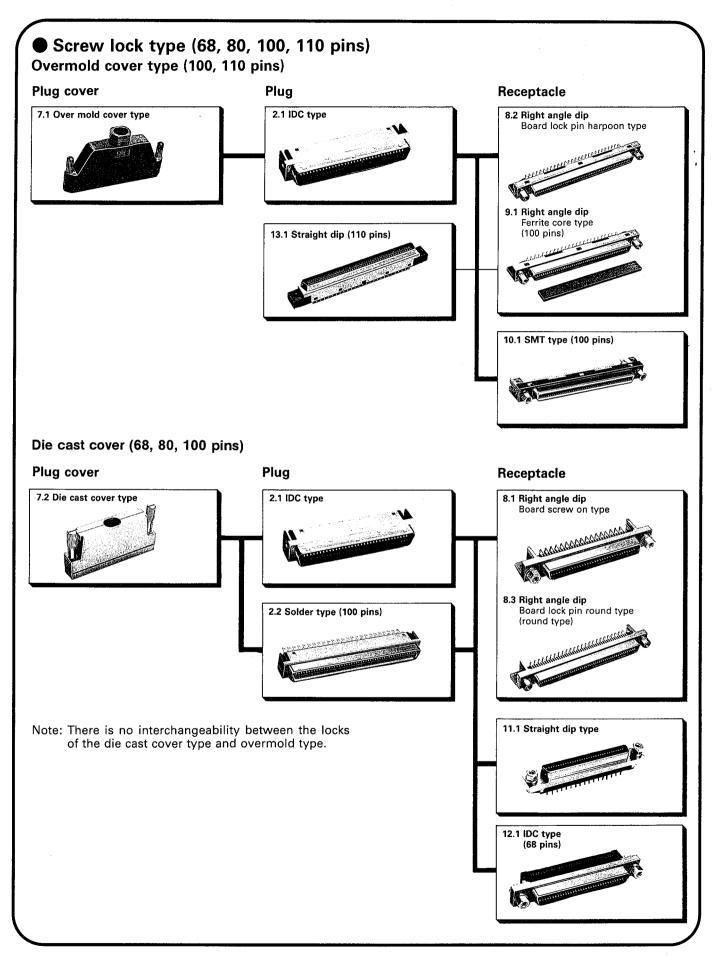
#### **Specifications**

Office Autmation, Computers, Measurement, Communication and Control Equipment, Factory Automation, Home Automation and other commercial applications needing high density interconnections.

ltems	Standard value		
Current capacity	0.5A		
Rated voltage	AC125V		
Insulation resistance	250M Ω or more at DC100V		
Contact resistance	35m Ω or less at DC100mA		
Withstanding voltage	AC 300Vr.m.s. for 1 minute		

#### **DXM Series Variations**





#### 1. One Touch Lock Plug Cover

#### **Ordering Information**

DX30M	_	50	_	CV
(1)		(2)		(3)

**Material Treatment** 

ltem	Material	Treatment
Overmold cover case	Synthetic resin, Stainless	Light beige

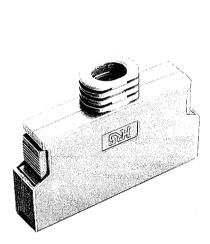
1) Series number: DX30M

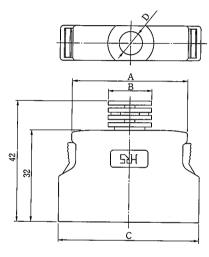
2) No. of pins: 14, 20, 26, 36, 50, 68

3) Cover case type

CV: Over mold cover case

#### 1.1 Overmold Cover







CL230-5056-0-10

DX30M-68-CV(10)

								Unit (mm)
HRS No.	No. of	Parts No.	A B C D			D	Applicable	plug unit
11110 110.	pin	1 4115 110.	^		С		IDC type	Solder type
CL230-5051-7-10	14	DX30M-14-CV(10)	17.09	11.50	25.79	φ6.3	DX30AM-14P	_
CL230-5052-0-10	20	DX30M-20-CV(10)	20.90	14.50	29.60	φ6.7	DX30AM-20P	DX40M-20P
CL230-5053-2-10	26	DX30M-26-CV(10)	24.80	15.00	33.50	φ7.0	DX30AM-26P	
CL230-5054-5-10	36	DX30M-36-CV(10)	31.06	15.75	39.80	φ8.1	DX30AM-36P	
CL230-5055-8-10	50	DX30M-50-CV(10)	39.95	16.00	48.70	φ 8.7	DX30AM-50P	_
CL230-5056-0-10	68	DX30M-68-CV(10)	51.38	17.57	60.13	8.7×10.27	DX30AM-68P	_

#### **General List of Engagement Combinations**

Cover case and plug unit		Receptacle	)	
Cover case and plug unit	Right angle type	SMT type	Straight type	IDC type
DX30M-14-CV(10) + DX30AM-14-P	DX10M-14S(E), DX10GM-14SE	DX10MS-14ST2	DX20M-14S	_
DX30M-20-CV(10) + DX30AM-20-P	DX10M-20S(E), DX10GM-20SE		DX20M-20S	_
DX30M-26-CV(10) + DX30AM-26-P	DX10M-26S(E), DX10GM-26SE	DX10MS-26ST%	DX20M-26S	_
DX30M-36-CV(10) + DX30AM-36-P	DX10M-36S(E), DX10GM-36SE	_	DX20M-36S	DX33AM-36S
DX30M-50-CV(10) + DX30AM-50-P	DX10M-50S(E), DX10GM-50SE	_	DX20M-50S	DX33AM-50S
DX30M-68-CV(10) + DX30AM-68-P	DX10M-68S(E), DX10GM-68SE		DX20M-68S	DX33AM-68S

#### 2. Plug Unit (Interchangeable One Touch-Screw Lock Type)

#### **Ordering Information**

DX	30	_A	M	-	50	Ρ
(1)	(2)	(3)	(1)		(4)	(5)

Note: This connector can be used for one touch lock cover and screw lock cover.

1) Series No.: DX--M

2) Wiring style 30: Discrete cable IDC (for fine wire use)

40: Solder type

3) Applicable wire A: AWG # 28

(Discrete cable press-fit type)

4) No. of pins: 14, 20, 26, 36, 50, 68, 80, 100, 110

5) Mating type P: Plug

#### **Material Treatment**

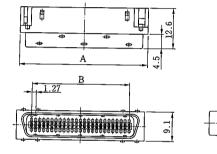
Item	Material	Remarks
shell	Steel	Nickel plating
Insulator	PBT	Black (UL94V-0)
Male terminal	Copper alloy	Selective gold plating

#### **Applicable**

	Interface cable			
	Discrete cable fine wire type Solder typ			
Conductor size	AWG#28			
Conductor composition	7/0.127			
o.d. of insulator	0.58	0.62	0.58	
Cable style	UL20276 and UL2789	UL2990	UL20276 and UL2789	

#### 2.1 Discrete Cable IDC Type (for Fine Wire)



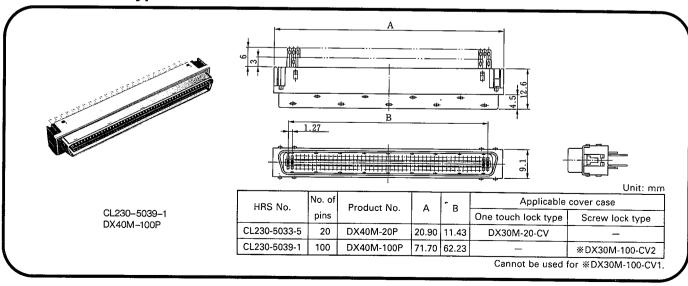


Unit (mm)

CL230-5029-8 DX30AM-68P

					Onit (mir
No. of	Parts No.	1	, p	Applicable	cover case
Pin	1 4163 140.	^		One touch lock type	Screw lock type
14	DX30AM-14P	17.09	7.62	DX30M-14-CV	
20	DX30AM-20P	20.90	11.43	DX30M-20-CV	_
26	DX30AM-26P	24.71	15.24	DX30M-26-CV	_
36	DX30AM-36P	31.06	21.59	DX30M-36-CV	_
50	DX30AM-50P	39.95	30.48	DX30M-50-CV	
68	DX30AM-68P	51.38	41.96	DX30M-68-CV	DX30M-68-CV2
80	DX30AM-80P	59.00	49.53	_	DX30M-80-CV2
100	DX30AM-100P	71.70	62.23	_	DX30M-100-CV1 · 2
110	DX30AM-110P	78.05	68.53	_	DX30M-110-CV1
	14 20 26 36 50 68 80	Pin         Parts No.           14         DX30AM-14P           20         DX30AM-20P           26         DX30AM-26P           36         DX30AM-36P           50         DX30AM-50P           68         DX30AM-68P           80         DX30AM-80P           100         DX30AM-100P	Pin         Parts No.         A           14         DX30AM-14P         17.09           20         DX30AM-20P         20.90           26         DX30AM-26P         24.71           36         DX30AM-36P         31.06           50         DX30AM-50P         39.95           68         DX30AM-68P         51.38           80         DX30AM-80P         59.00           100         DX30AM-100P         71.70	Pin         Parts No.         A         B           14         DX30AM-14P         17.09         7.62           20         DX30AM-20P         20.90         11.43           26         DX30AM-26P         24.71         15.24           36         DX30AM-36P         31.06         21.59           50         DX30AM-50P         39.95         30.48           68         DX30AM-68P         51.38         41.96           80         DX30AM-80P         59.00         49.53           100         DX30AM-100P         71.70         62.23	Pin         Parts No.         A         B         A         B         One touch lock type           14         DX30AM-14P         17.09         7.62         DX30M-14-CV           20         DX30AM-20P         20.90         11.43         DX30M-20-CV           26         DX30AM-26P         24.71         15.24         DX30M-26-CV           36         DX30AM-36P         31.06         21.59         DX30M-36-CV           50         DX30AM-50P         39.95         30.48         DX30M-50-CV           68         DX30AM-68P         51.38         41.96         DX30M-68-CV           80         DX30AM-80P         59.00         49.53         —           100         DX30AM-100P         71.70         62.23         —

#### 2.2 Solder Type



#### 3. One Touch Lock, Receptacle Right Angle Type

#### Ordering Information

1) Series No.: DX--M

2) Wiring style 10: Right angle type

3) Lock style (one touch lock type)

Blank: (Receptacle case material: zinc alloy die cast)

G : (Receptacle case material: steel)

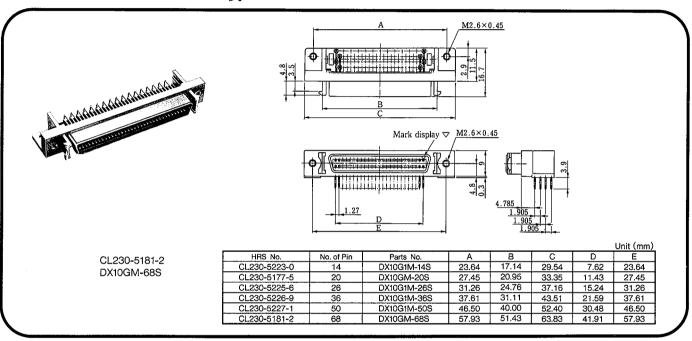
4) No. of pins: 14, 20, 26, 36, 50, 68 5) Mating type S: Receptacle

6) Board-fitting type
Blank: Screw on type
E: Lock pin type

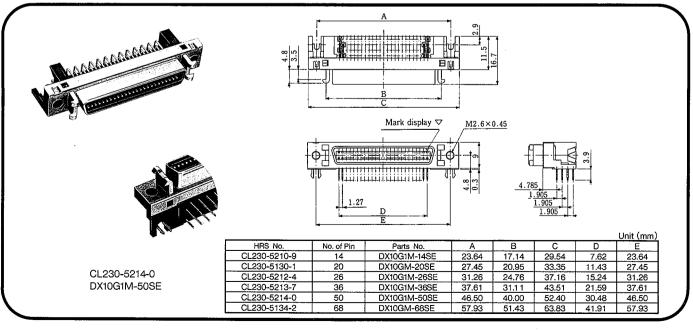
#### **Material Treatment**

ltem	Material	Remarks
Receptacle case	Zinc alloy die cast or steel	Nickel plating
Shell	Steel	Nickel plating
Insulators	PBT	Black (UL94V-0)
Female terminal	Copper alloy	Selective gold plating

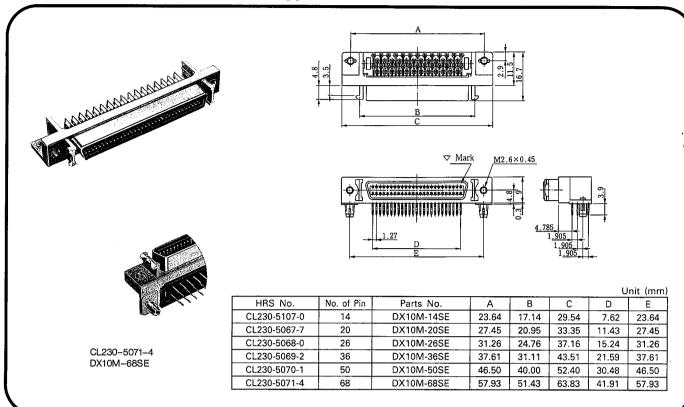
#### 3.1 Board Screw on Type



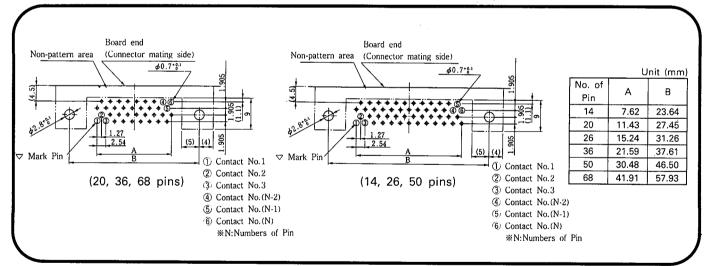
#### 3.2 Board Lock Pin Harpoon Type



#### 3.3 Board Lock Pin Round Type

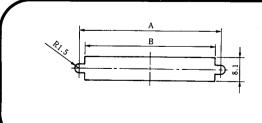


#### PCB Layout (Recommended board thickness:1.6mm)



#### **Panel-Fitting Dimensional Drawing**

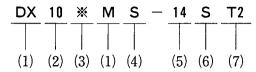
#### (Recommended panel thickness:max.2mm)



Unit (mm)					
No. of Pin	А	В			
14	23.64	19.99			
20	27.45	23.80			
26	31.26	27.60			
36	37.61	33.90			
50	46.50	42.80			
68	57.93	54.23			

#### 4. One Touch Lock, Receptacle SMT Type

#### **Ordering Information**



- 1) Series No.: DX--M
- 2) Connector style

10: Right angle type

3) Lock style

Blank: One touch lock type

4) Board mounting style

S: SMT type

- 5) No. of pins: 14, 26
- 6) Mating type
  - S: Receptacle
- 7) Board-thickness

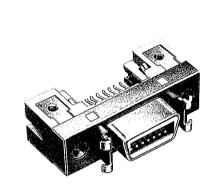
T2: SMT type (Board thickness 1.2mm)

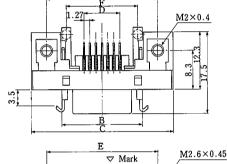
T6: SMT type (Board thickness 1.6mm)

#### **Material Treatment**

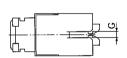
Item	Material	Remarks
Receptacle case	Steel	Nickel plating
Insulators	PPS	Natural
Female terminal	Copper alloy	Selective gold plating

#### 4.1 Receptacle SMT Type





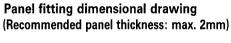


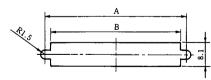


CL230-5125-1 DX10MS-14ST2

									L	Jnit (mm)
F	HRS No.	No. of Pin	Parts No.	Α	В	O	D	Е	F	G
CL2	230-5125-1	14	DX10MS-14ST2	23.64	17.14	30.14	7.62	23.64	15.24	1.35

# PCB Layout Board end (Connector mating side) Non-pattern area 1.2+82 A-8.1 0.75±0.05 R0.6+82 R0.6+82 R0.6+82 R0.05 D±0.05 No. of A B C D 11 21.64 11.43 15.24 19.44 26 29.31 19.05 22.86 27.06

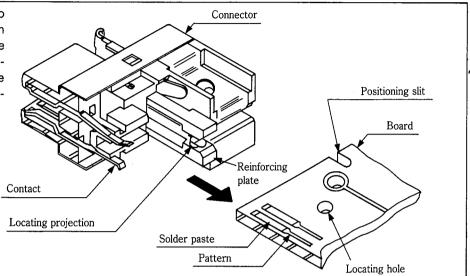




		nit (mm)
No. of Pin	A	В
14	23.64	19.99
26	31.26	27.60

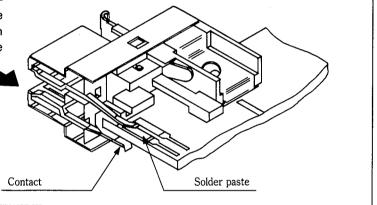
#### DXM SMT MOUNTING FUNCTIONAL DRAWING

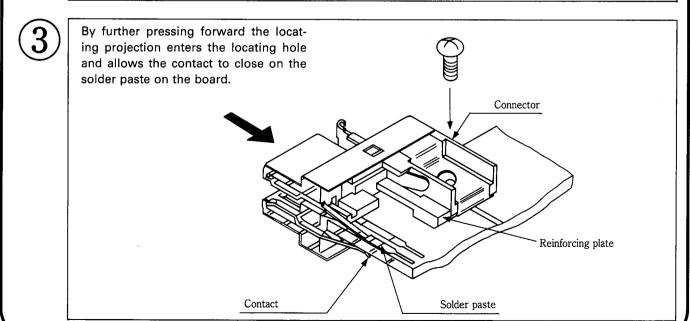
Insert the connector to the board and push in the reinforcing plate until the locating projection on the plate stops against the locating hole on the board.



At the stage when the locating projection of the reinforcing plate is on the board, there is a gap formed between the cream solder on the board and the

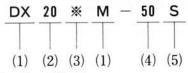






#### 5. One Touch Lock, Receptacle Straight Type

#### Ordering Information



- 1) Series No.: DX--M
- 2) Connector style
  - 20: Straight dip
- 3) Lock style

Blank: One touch lock type

4) No. of pins: 14, 20, 26, 36, 50, 68

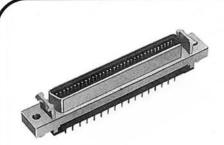
5) Mating type

S: Receptacle

#### **Material Treatment**

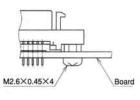
Item	Material	Remarks
Receptacle case	Zinc alloy die cast	Nickel plating
Shell	Steel	Nickel plating
Insulators	PBT resin	Black(UL94V-0)
Female terminal	Copper alloy	Selective gold plating

#### 5.1 Receptacle Straight Type

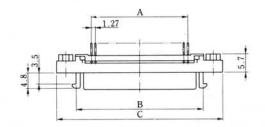


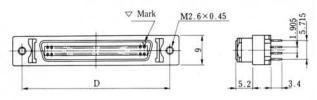
CL230-5017-9 DX20M-68S

◆Connector mounting condition

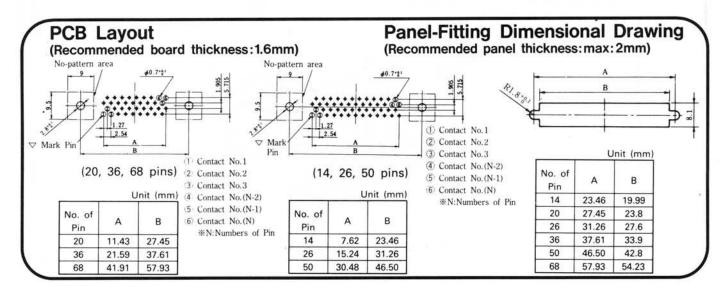


Note:Recommended screw tighting torque:0.3 to 0.4N·m



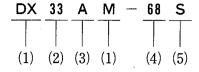


							Unit (mm
	HRS No.	No. of Pin	Parts No.	Α	В	С	D
Ī	CL230-5012-5	14	DX20M-14S	7.62	17.14	29.54	23.64
Ī	CL230-5013-8	20	DX20M-20S	11.43	20.95	33.35	27.45
Ī	CL230-5014-0	26	DX20M-26S	15.24	24.76	37.16	31.26
Ī	CL230-5015-3	36	DX20M-36S	21.59	31.11	43.51	37.61
	CL230-5016-6	50	DX20M-50S	30.48	40.00	52.40	46.50
Т	CL230-5017-9	68	DX20M-68S	41.91	51.43	63.83	57.93



#### 6. One Touch Lock Receptacle Flat Ribbon Cable Type

#### **Ordering Information**



- 1) Series No.: DX--M
- 2) Connector style

33: Flat IDC type

(for ribbon cable use)

3) Applicable cable

A: AWG # 28

4) No. of pins: 36, 50, 68

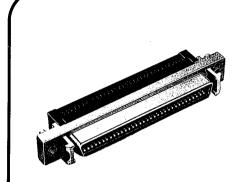
5) Mating type

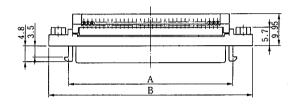
S: Receptacle

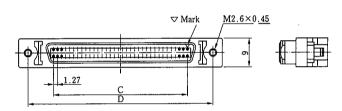
#### **Material Treatment**

Item	Material	Remarks
Receptacle case	Zinc alloy die cast	Nickel plating
Shell	Steel	Nickel plating
Insulators	PBT resin	Black (UL94V-0)
Female terminal	Copper alloy	Selective gold plating

#### 6.1 Receptacle, Flat Ribbon Cable Type





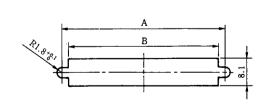


CL230-5062-3 DX33AM-68S

						Unit (mm)
HRS No.	No. of Pin	Parts No.	A •	В	С	D
CL230-5095-2	36	DX33AM-36S	31.11	43.51	21.59	37.61
CL230-5092-4	50	DX33AM-50S	40.00	52.40	30.48	46.50
CL230-5062-3	68	DX33AM-68S	51.43	63.83	41.91	57.93

#### Panel-Fitting Dimensional Drawing

(Recommended panel thickness:Max.2mm)



	Unit (mm)				
No. of Pin	Α	В			
36	37.61	33.90			
50	46.50	42.80			
68	57 93	54.23			

#### 7. Screw Lock Type, Plug Cover

#### Ordering Information

# $\frac{\text{DX30M}}{|} - \frac{110}{|} - \frac{\text{CV1}}{|}$ (1) (2) (3)

**Material Treatment** 

ltem	Material	Remarks
Overmold cover	Stainless steel, Synthetic resin	Dark grey
Die cast cover	Zinc alloy die cast	Silver coated

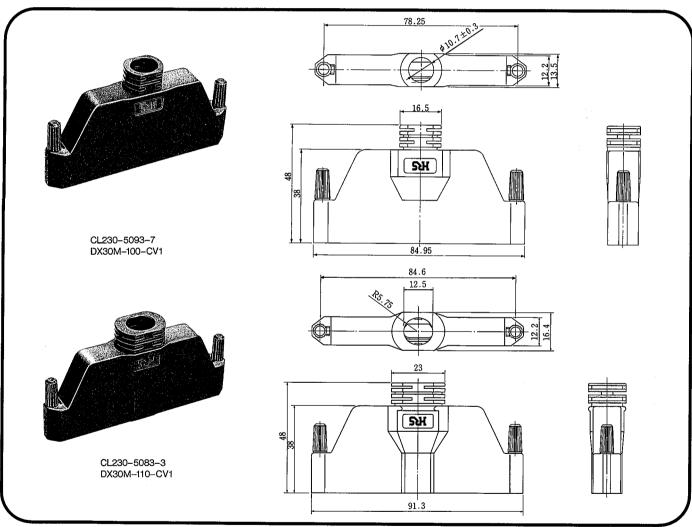
1) Series No.: DX30M

2) No. of pins: 68, 80, 100, 110

3) Cover case type

CV1: Overmold cover case CV2: Die cast cover

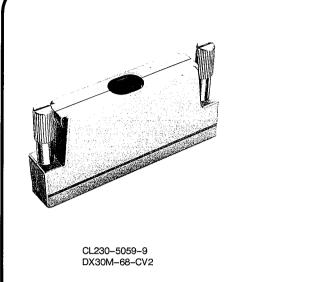
#### 7.1 Overmold Cover

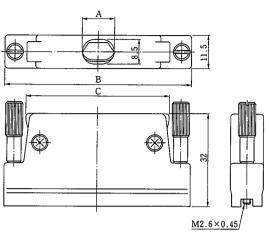


#### List of Engagement Combinations

Cover case and plug unit	Receptacle					
	Right angle type	SMT type	Straight type	Ferrite core type		
DX30M-100-CV1+DX30AM-100P	DX10AM-100SE2, DX10AM-100SE1	DX10AMS-100ST6		DX10AMF-100SE1		
DX30M-110-CV1+DX30AM-110P	DX10AM-110SE2, DX10AM-110SE1	_	-	_		

#### 7.2 Die Cast Cover





U	Init	(mm)	ļ

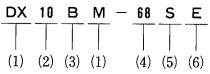
HRS No.	No. of	Parts No.	АВ			Applicable	plug unit
HNS NO.	pin	Parts No.	_ ^	В	C	IDC type	Solder type
CL230-5059-9	68	DX30M-68-CV2	11.00	64.93	49.68	DX30AM-68P	_
CL230-5060-8	80	DX30M-80-CV2	12.50	72.55	57.30	DX30AM-80P	_
CL230-5061-0	100	DX30M-100-CV2	14.00	85.25	70.00	DX30AM-100P	DX40M-100P

#### List of Engagement Combinations

Course and aluminis	Receptacle				
Cover case and plug unit	Right angle type	Straight DIP type	Ribbon cable type		
DX30M- 68-CV2+DX30AM- 68P	DX10BM-68S, DX10BM-68SE	DX20BM- 68S	DX33M-68S-LNA		
DX30M- 80-CV2+DX30AM- 80P	DX10BM-80S, DX10BM-80SE	DX20BM- 80S			
DX30M-100-CV2+DX30AM-100P	DX10BM-100S, DX10BM-100SE	DX20BM-100S	_		

#### 8. Screw Lock, Receptacle Right Angle Type

#### **Ordering Information**



- 1) Series No.: DX--M
- 2) Connector style 10: Right angle type
- 3) Lock style (Screw lock type)
  - A: Receptacle case material Steel
  - B: Receptacle case material Zinc alloy die cast
- 4) No. of pins: 68, 80, 100, 110

- 5) Mating type S: Receptacle
- 6) Board fitting type

Blank: Screw on type

: Lock pin round type

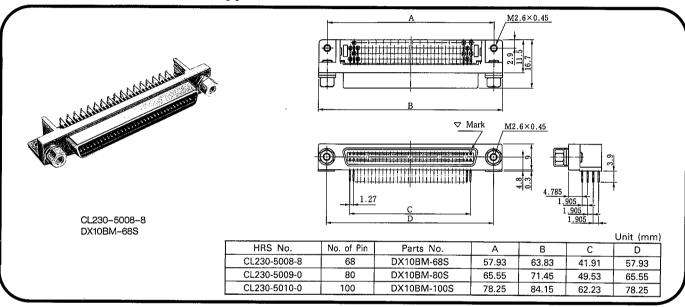
E1 : Lock pin harpoon type (Board thickness 1.6mm)

E2 : Lock pin harpoon type (Board thickness 1.2mm)

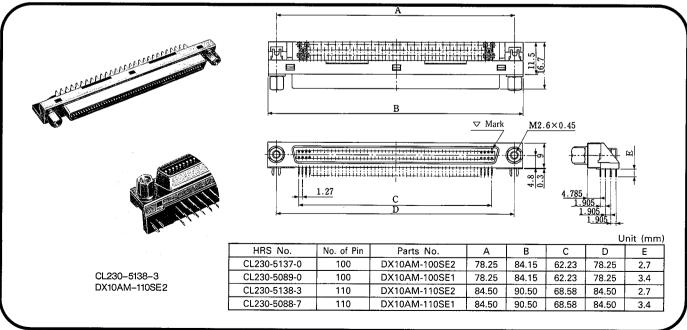
#### **Material Treatment**

Item	Material	Remarks	
Receptacle case	Zinc alloy die cast or steel	Nickel plating	
Shell	Steel	Nickel plating	
Insulator	PBT resin	Black (UL94V-0)	
Female terminal	Copper alloy	Selective gold plating	

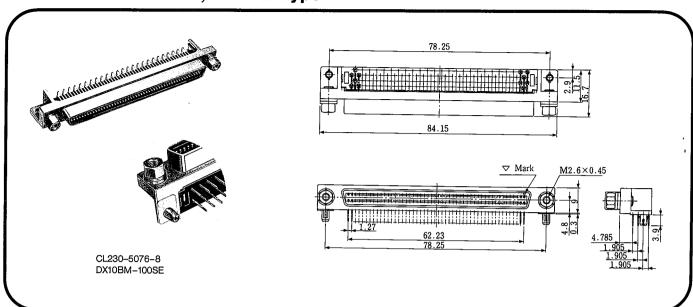
#### 8.1 Board Screw on Type



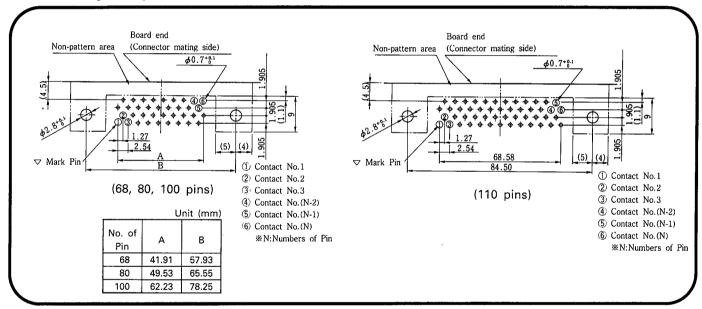
#### 8.2 Board Lock Pin Harpoon Type



#### 8.3 Board Lock Pin, Round Type



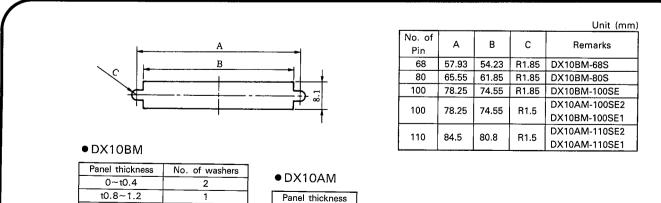
#### PCB Layout (Recommended Board Thickness:1.2mm,1.6mm)



#### **Panel-Fitting Dimensional Drawing**

No washer

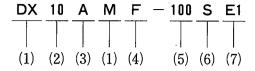
t1.6~2



t0.8~1.2

#### 9. Screw Lock, Receptacle Ferrite Core Type

#### **Ordering Information**



1) Series No.: DX--M

2) Connector style 10: Right angle type

3) Lock style (Screw lock type)

A: Receptacle case material-steel

4) Board mounting style

F: Ferrite core type

5) No. of pins: 100

6) Mating type

S: Receptacle

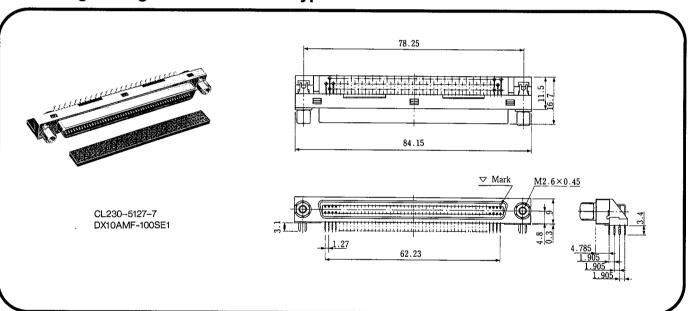
7) Board fitting type

E1: Lock pin type (Board thickness 1.6mm)

#### **Material Treatment**

Item	Material	Remarks	
Receptacle case	Steel	Nickel plating	
Insulator	PBT resin	Black (UL94V-0)	
Female terminal	Copper alloy	Selective gold plating	
Ferrite core	<del>-</del>	_	

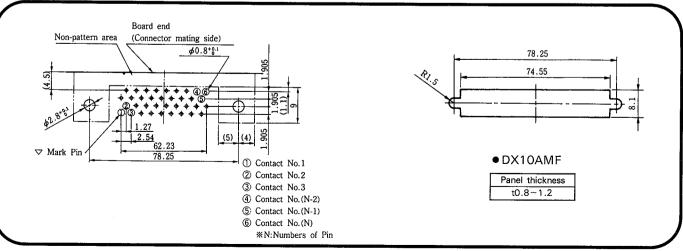
#### 9.1 Right Angle Ferrite Core Type



#### **PCB** Layout

(Recommended Board Thickness:1.6mm)

#### **Panel-Fitting Dimensional Drawing**



#### 10. Screw Lock Receptacle SMT Type

#### **Ordering Information**

- 1) Series No.: DX--M
- 2) Connector style
  - 10: Right angle type
- 3) Lock style
  - A: Receptacle case material, Steel
- 4) Board mounting style
  - S: SMT type

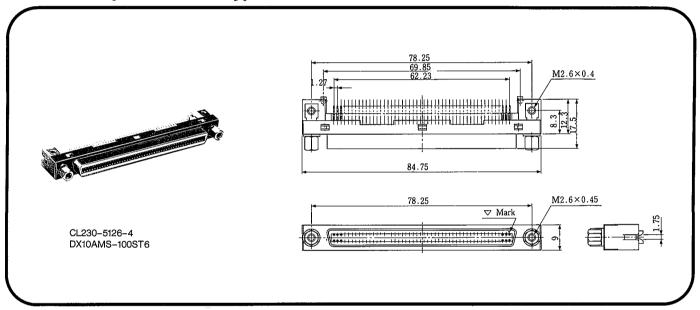
- 5) No. of pins: 100
- 6) Mating type
  - S: Receptacle
- 7) Board-thickness

T6: Board thickness 1.6mm

#### **Material Treatment**

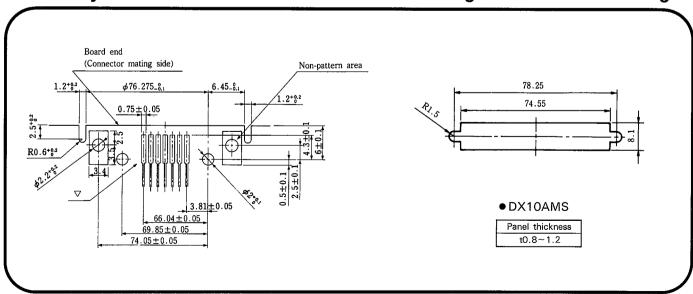
ltem	Material	Remarks
Receptacle case	Steel Nickel plating	
Insulator	PPS	Natural
Female terminal	nal Copper alloy Selective gold plat	

#### 10.1 Receptacle SMT Type



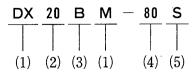
#### **PCB** Layout

#### **Panel-Fitting Dimensional Drawing**



#### 11. Screw Lock Receptacle Straight Type

#### **Ordering Information**



Series No.: DX--M
 Connector style
 Straight dip

3) Lock style

B: Screw lock type

4) No. of pins: 68, 80, 100

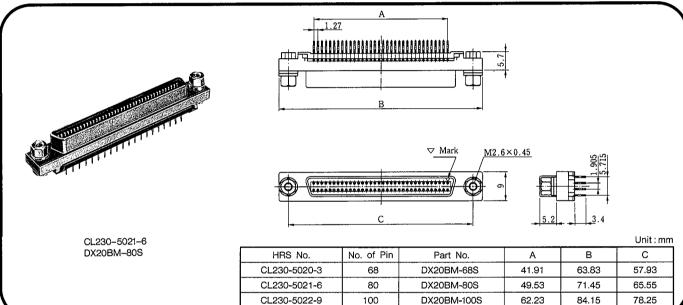
5) Mating type

S: Receptacle

#### **Material Treatment**

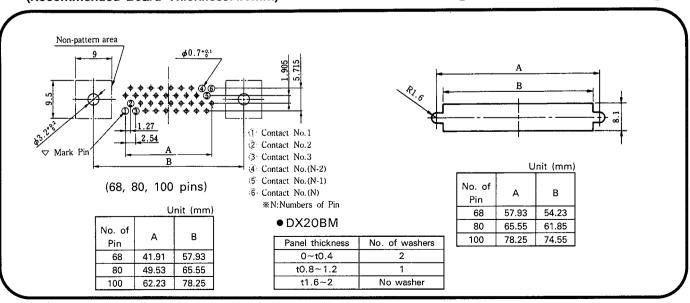
Item	Material	Remarks Nickel plating	
Receptacle case	Zinc alloy die cast		
Shell	Steel	Nickel plating	
Insulator	PBT resin	Black (UL94V-0)	
Female terminal	Copper alloy	Selective gold plating	

#### 11.1 Receptacle Straight Type



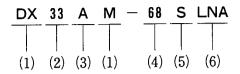
#### PCB Layout (Recommended Board Thickness:1.6mm)

#### **Panel-Fitting Dimensional Drawing**



#### 12. Screw Lock Receptacle, Flat Ribbon Cable Type

#### **Ordering Information**



- 1) Series No.: DX--M
- 2) Connector style

33: Flat IDC type (for ribbon cable)

- 3) Applicable wire
  - A: AWG#28
- 4) No. of pins: 68

- 5) Mating type
  - S: Receptacle
- 6) Board fitting type LNA: Screw lock type

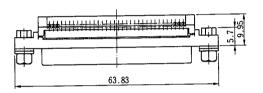
#### **Material Treatment**

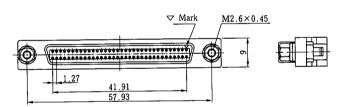
ltem	Material	Remarks	
Receptacle case	Zinc alloy die cast	Nickel plating	
Shell	Steel Nickel plati		
Insulator	PBT resin	Black (UL94V-0)	
Female terminal	Copper alloy	Selective gold plating	

#### 12.1 Receptacle, Flat Ribbon Cable Type

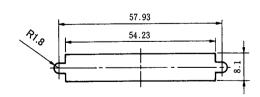


CL230-5078-3 DX33AM-68S-LNA





#### **Panel-Fitting Dimensional Drawing**



#### • DX33AM

Panel thickness	No. of washers		
0~t0.4	2		
t0.8~1.2	1		
t1.6~2	No washer		

#### 13. Plug Straight Type

#### **Ordering Information**

DX	20E	M	 110	Р
		T		
(1)	(2)	(1)	(3)	(4)

1) Series No.: DX--M

3) No. of pins: 110

2) Connector style

4) Mating type

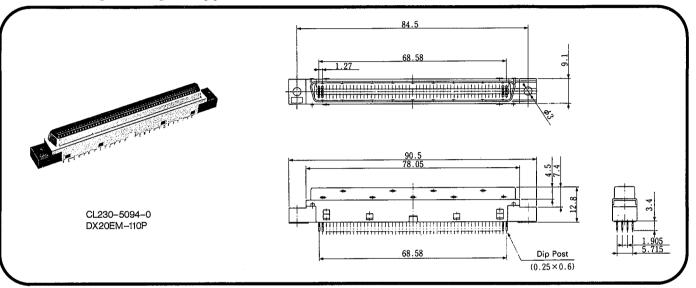
20E: Straight dip

P: Plug

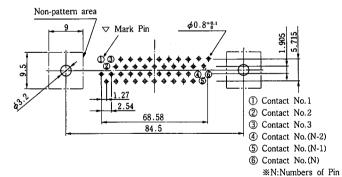
#### **Material Treatment**

Item	Material	Remarks	
Shell	Steel	Nickel plating Black (UL94V-0)	
Insulator	PBT resin		
Male contact	Copper alloy	Selective gold plating	

#### 13.1 Plug Straight Type



#### PCB Layout (Recommended Board Thickness: 1.5mm)

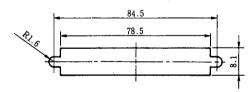


#### List of Engagement Combinations

Plug straight type	Receptacle right angle type
DX20EM-110P	DX10AM-110SE1 or DX10AM-110SE2

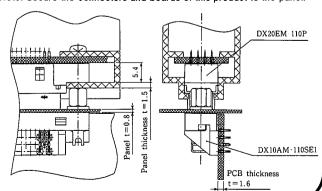
#### Panel-Fitting Dimensional Drawing (Recommended Panel Thickness May 15mm)

(Recommended Panel Thickness: Max.1.5mm)



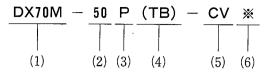
#### Diagram of Mounting Conditions for DX20EM

Note: Secure the connectors and boards of this product to the panel.



#### 14. SCSI-compatible Terminator

#### **Ordering Information**



Series No.: DX70M
 No. of contacts : 50

3) Type of opening: P:Plug

4) Type of circuit

TB: Single end (Alternative 2)
TC: Sink current csistant type

Single end (Alternative 2) type (Note 1)

5) Tpe of plug case

CV: Over mold plug case

6) Logo mark for plug case (Note 2)

No mark: No logo provided A: Logo provided (active term)

#### Material/Finish

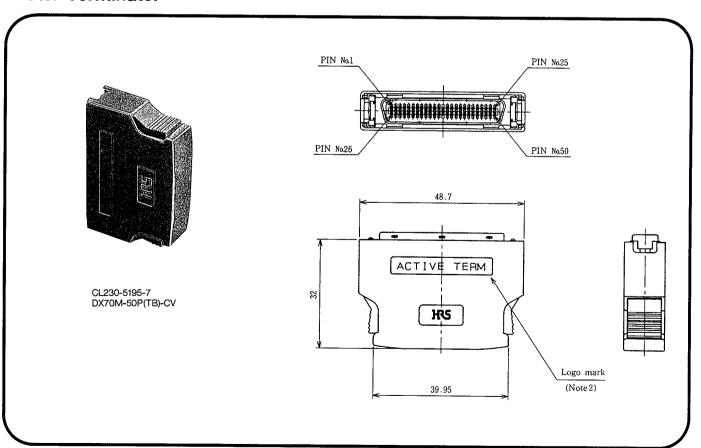
Item	Material	Remarks	
Shell	Steel	Nickel plated	
Male contact	Copper alloy	Part golg plated	
Insulation	Synthetic	Plug case, button: Light beige	,
insulation	resin	Plug unit: Black (UL94V-0)	

#### **Characteristics**

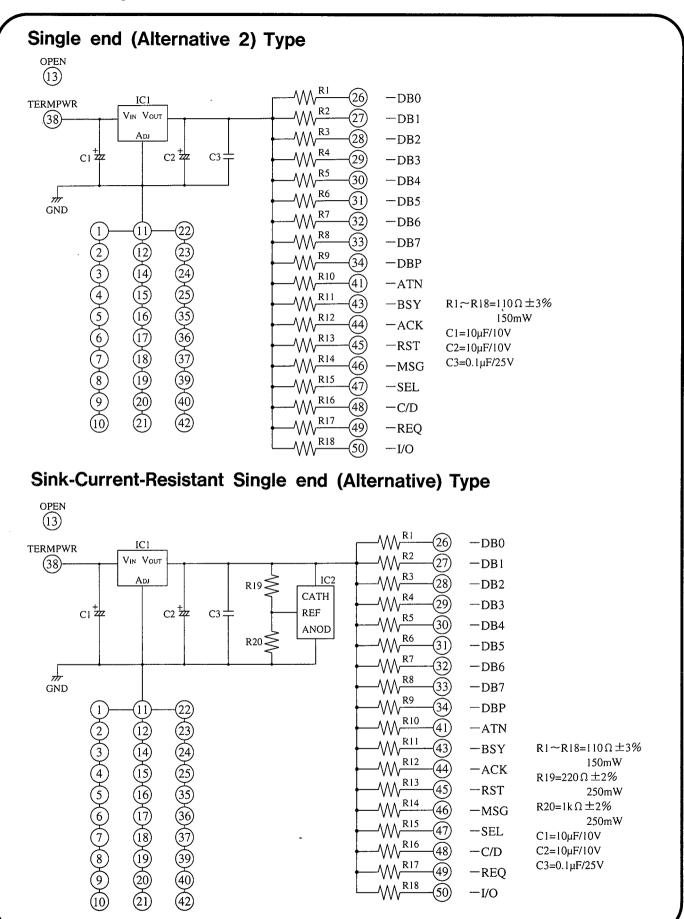
Item	Characteristics
Operating voltage	DC 4.25-5.25 V
Operating temperature range	0℃~+50℃

Note 1: Resistant to a sink current of up to 150 mA

#### 14.1 Terminator

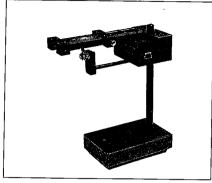


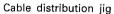
#### Circuit Diagram

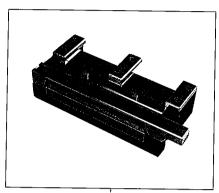


#### Connecting Method (Discrete Cable IDC Type)

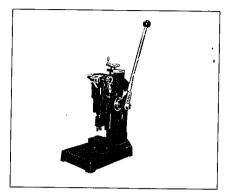
#### Connecting Tools



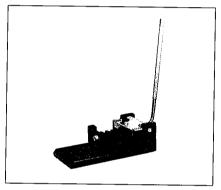




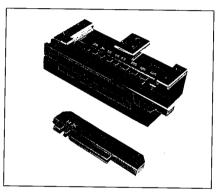
Cable shearing unit



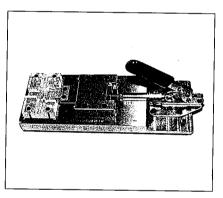
Shield case fixing jig



IDC press



IDC guide plate unit



Hood insertion jig

### List of Connecting Jigs and Accessories Plug Connector

		Process						
Cable	Connector Name	Cable Remaining part cutting		Crimping		Shield case		
		Distribution	Press	Unit	Press	Remaining Part cutting	fixing	Hood insertion
	DX30AM-14P						Order attachments separately # 1	Order attachments separately #2
	DX30AM-20P	By hand					Geparately w i	separatery x-2
	DX30AM-26P	DX30AM-CAT1			İ			
I/O Cable	DX30AM-36P	CL902-2090-0 Semi-Auto machino					DX30AM-CCT1	DX30AM-HPT1
(Discrete	DX30AM-50P	SA200/DX30AM	DX30AM-HP1	DX30AM-CU1	DX30AM-HP1	DX30AM-GPT1	CL902-0213-8	CL902-0216-6
wire)	DX30AM-68P	CL903-0002-9	CL902-0210-0	CL902-0211-2	CL902-0210-0	CL902-0214-0		
	DX30AM-80P	Automatic machine						
	DX30AM-100P	AM200/DX30 CL903-0030-4						Order attachments
	DX30AM-110P							Separately #3  Order attachments separately #4

X1 DX30AM-CCT1(61) CL902-0213-8(61) DX30AM-CCT1(62) CL902-0213-8(62)

#### **Receptacle Connector**

Cable	Connector Name	Press	Guide plate
Ribbon Cable	DX33AM-68S-LNA	Hi-Flex Connecting press HHP-502 CL550-0082-2	DX33AM-GPA (Comes with pressure block) CL902-0233-5

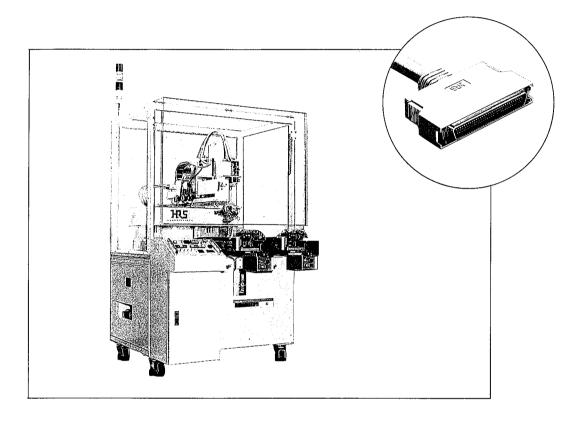
<sup>\*2</sup> DX30AM-HPT1-14 CL902-0217-9\*3 DX30AM-HPT1-100 CL902-0218-1

<sup>\*4</sup> DX30AM-HPT1-110 CL902-0219-4

# FOR DX. DXM SERIES AUTOMATIC DISCRETE CABLE COMBING MACHINE

#### General

This Automatic Combing Machine arranges and streamlines the conductor cables of a multiconductor round I/O cable when terminating it to a connector.



#### **Features**

- (1) Cable number identification is provided.
- (2) High speed and highly accurate conductor cable handling mechanism.
- (3) Twin stage design provides highly efficient combing operation.
- (4) Pushbutton operation offers very simple operating procedure.
- (5) Lightweight, quiet operation, and clean working environment.

#### **Principal Specifications**

1. Power supply 200VAC

2. Pneumatic supply pressure 5kgf/cm<sup>2</sup>

3. Dimensions and weight of the main unit 1,100mm W imes 1,150mm D imes 1,720mm H

(not including circular indicating lamp)

Weight 400kg

4. Cables to be used AWG #28 (0.58mm φ)