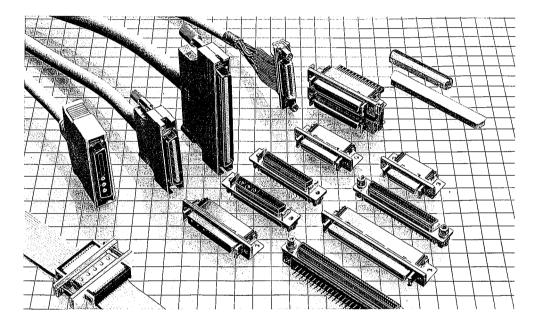
DX SERIES HIGH-DENSITY I/O CONNECTORS

General

DX series high-density I/O cnnectors with bellow contacts are perfect for tomorrow's miniaturized electronic devices. This new 1.27 mm (0.050") interconnect design ensures positive locking, effortless coupling, terminal protection and EMI reduction in a miniaturized and rugged package. DX series offers you one of the most varied and complete lines of High-Density connectors in the world, i.e. IDC, Solder and with Co-axial contacts for the plug and right angle dip, straight dip, IDC and with Co-axial contacts for the receptacle. Available in 20, 28, 36,50, 68, 80, 100 and 132 way.



Features

- 1. 1.27 mm (0.050") contact spacing conserves valuable board space and permits ultra-high density designs.
- 2. Bellow contacts create smooth and precise mating and unmating.
- 3. Unique shell design assures first make/last break grounding and overall noise protection.
- IDC termination allows quick and low cost termination to AWG #28 & #30 wires.
- Group IDC termination of 1.27 mm pitch cable and loose piece contacts is possible simply by replacing the protector, allowing you to select a termination system meeting requirements, trial production and mass production, for example.
- Backshell and receptacle shell are made of diecast zinc alloy to reduce the penetration of external EMI noise.
- 7. Easy to use 'One-Touch' and 'Screw' locking mechanisms assure quick and easy 'positive' closures every time.
- 8. Termination method is available in IDC, Soldering, Right Angle Dip, Straight Dip and SMT.
- 9. DX with 3 cavities and 2 cavities for Co-axial contacts are newly introduced to meet the needs of high speed data transmission.
- 10. Shielded Plug-in type for interface between 2 Units available.

Applications

Office Automation, Computers, Communications Equipment, Factory Automation, Home Automation and other commercial applications needing high density interconnections.

Specifications

Items	Standard value
Current capacity	0.5A
Rated voltage	AC125V
Insulation resistance	$250M\Omega$ or more at DC100V
Contact resistance	50m Ω or less at DC100mA
Withstanding voltage	AC300Vr.m.s. for 1 minute

Material & Finish

Parts	Materials	Finish
Plug shell	Zinc alloy die-cast	Silver finish
Receptacle shell	Zinc alloy die-cast	Nickel plating
Insulator	PBT resin or equivalent*	Black *
Pin contact	Copper alloy	Selective gold plating
Socket contact	Copper alloy	Selective gold plating

₩UL94V-0

**To identify DX30A, DX31A, DX32A & DX33A for AWG #28, natural color is partially used in the insulator.

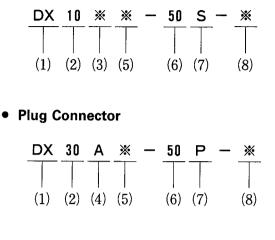
Applicable cable

I/O cab	le (Discrete wire)	
Conductor size	AWG #30	AWG #28
Conductor information	7/0.1	7/0.127
Insulator outer dia.	¢0.5	¢0.58
UL style cables	UL20276 a	nd UL2789

Ribbon c	able (flat & slit)
Conductor size	AWG #28
Conductor information	19/0.08
Cable thickness	0.9
UL style cables	UL2651, UL2734, UL20012

Ordering Information

• Receptacle Connector



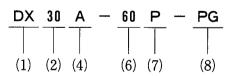
Co-axial Connector

			-	26	Р	_	CP3
(1)	•	(4)			(7)		(8)

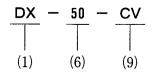
$$\frac{\mathbf{DX}}{||} \frac{\mathbf{10}}{||} \frac{\mathbf{J}}{||} \frac{\mathbf{J}}{||} \frac{\mathbf{O}}{||} \frac{\mathbf{SE}}{||} \frac{\mathbf{CR3}}{||} \frac{\mathbf{A}}{||} \frac{\mathbf{A}}{||}$$
(1) (2) (5) (10) (7) (8) (11)

SMT Connector

DX	10	S	—	60	S	 SG
	T	Τ			Τ	
(1)	(2)	(3)		(6)	(7)	(8)

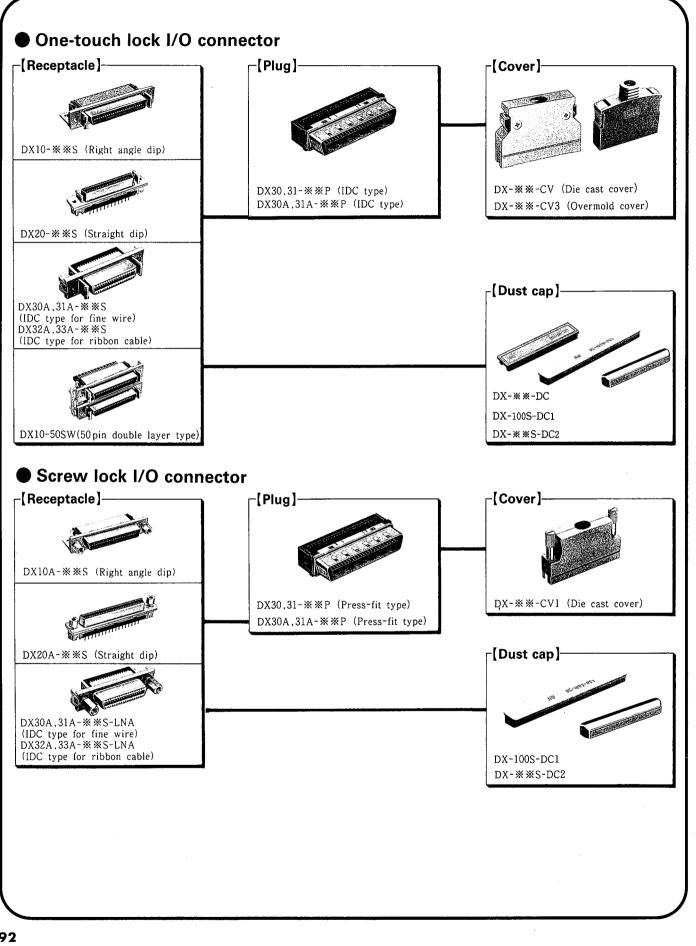


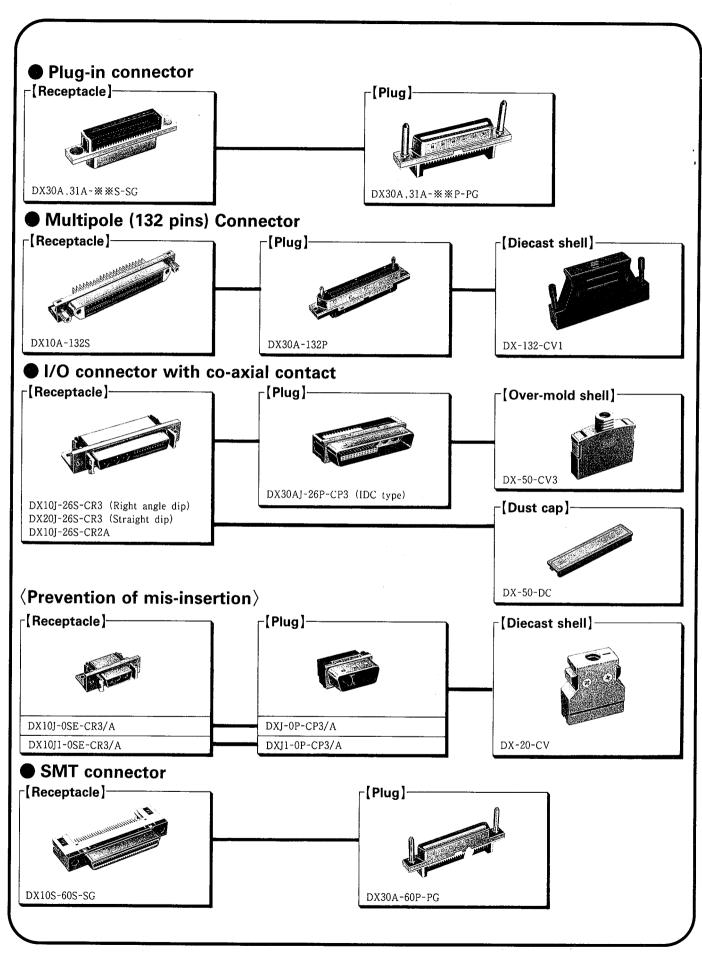
Accessories



(1) Series Number: DX (2) Connection Type 10: Right Angle Dip 20 : Straight Dip 30 : IDC for discrete thin wire (AWG #28 and 30) 31: IDC for discrete wire laminated (AWG #28 and #30) 32 : IDC for slit ribbon cable (AWG #28) 33 : IDC for flat ribbon cable (AWG #28) (3) Lock Type Blank: One Touch Lock Α : Screw Lock S : SMT type (4) Applicable Wire Blank: AWG #30 : AWG #28 Α (5) Variation Blank: Standard J : Co-axial contact included (6) Number of Pins: 20, 28, 36, 50, 60, 68, 80, 100, 132 (7) Types of Opening Ρ : Plug connector s : Receptacle connector sw : Receptacle connector (double layer) SE : Receptacle connector (Lock Pin) (8) Variation Blank: Standard CR2A: 2 co-axial contacts provided (Receptacle) CR3 : 3 co-axial contacts provided (Receptacle) CP3 : 3 co-axial contact holes provided (Plug) LNA : Screw lock mechanism (Receptacle) PG : Plug-in (Plug) SG : Plug-in (Receptacle) (9) Accessories CV : Straight cable (One-touch lock type) CV1 : Straight cable entry case (Screw lock type) CV3 : Straight cable entry case (Over mode type) CV4 : Straight cable entry (Symmetry big cable) DC : Dust cap (Semi-hard, for one-touch lock) DC1 : Dust cap (Semi-hard, for screw lock) DC2 : Dust cap (Soft, for screw lock) (10) No. of signal terminals: 0:26 (11) Shell size No symbol: 50 pins Α : 20 pins

DX Series variations

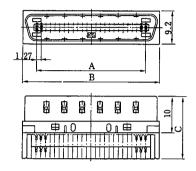




1. IDC Plug Connector 1.1 DX30, DX30A- ** ** P (AWG # 28 Discrete Thin Wire)



CL230-0011-5 DX30-50P





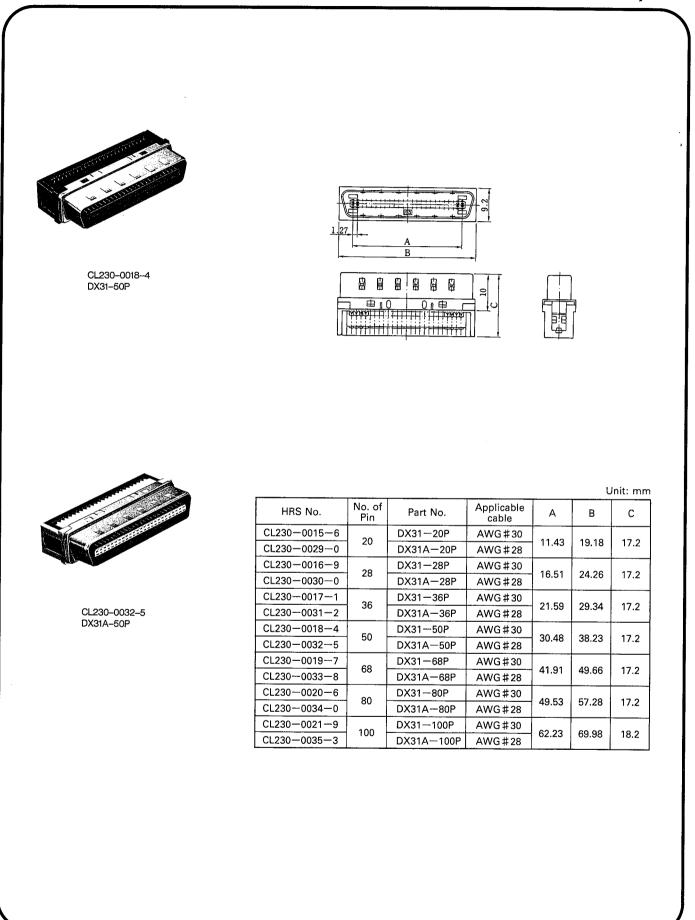


CL230-0025-0 DX30A-50P

					U	nit: mm
HRS No.	No. of Pin	Part No.	Applicable cable	А	В	с
CL230-0008-0	20	DX30-20P	AWG # 30	11 42	19.18	17.2
CL230-0022-1	20	20 DX30A-20P AWG # 28 11.43		11.43	19.10	17.2
CL230-0009-3		DX30-28P	AWG # 30	16 51	24.26	17.2
CL230-0023-4	28	DX30A-28P	AWG # 28	16.51	24.20	17.2
CL230-0010-2	36	DX30-36P	AWG # 30	21.59	29.34	17.2
CL230-0024-7	30	DX30A-36P	AWG # 28	21.55	29.34	17.2
CL230-0011-5	50	DX30-50P	AWG # 30	30.48	38.23	17.2
CL230-0025-0	50	DX30A-50P	AWG # 28	30.46	30.23	17.2
CL230-0012-8	60	DX30-68P	AWG # 30	41.91	49.66	17.2
CL230-0026-2	68	DX30A68P	AWG # 28	41.91	49.00	17.2
CL230-0013-0	00	DX30-80P	AWG # 30	40.52	57.28	17.2
CL230-0027-5	80	DX30A-80P	AWG # 28	49.53	57.20	17.2
CL230-0014-3	100	DX30-100P	AWG # 30	62.23	69.98	18.2
CL230-0028-8	100	DX30A-100P	AWG # 28	02.23	09.98	10.2

Unit: mm

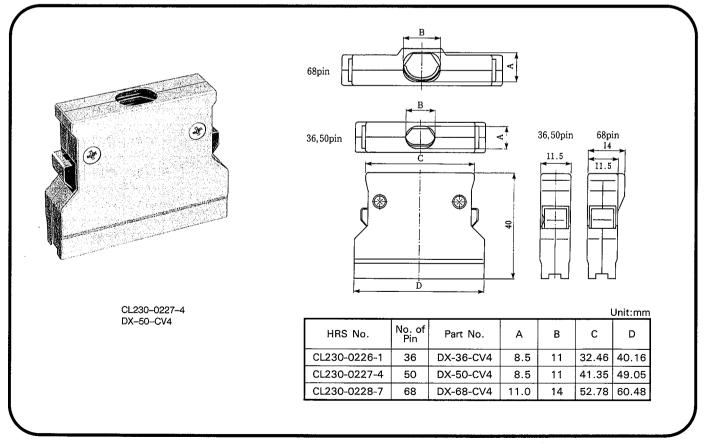
1.2 IDC Plug Connector DX31. DX31A-%%P (Discrete Wire Laminated)



2. Shell 2.1 DX-%*-CV (One Touch Lock)

		V V]	, 11.5 .		
				32.5			
		.	<u>, d</u>			L	Jnit: mm
	HRS No.	No. of Pin	D Part No.	A	В	c	Jnit: mm D
	HRS No. CL230-0036-6	No. of Pin 20		A \$\$\\$\$6.7\$	B \$\$6.7	1	1
CL230-0039-4		Pin	Part No.			С	D
and the second	CL230-0036-6	Pin 20	Part No. DX—20—CV	¢6.7	¢6.7	C 22.3	D 30.0
CL230-0039-4	CL230-0036-6 CL230-0037-9	Pin 20 28	Part No. DX-20-CV DX-28-CV	¢6.7 ¢7.5	¢6.7 ¢7.5	C 22.3 27.38	D 30.0 35.08
CL230-0039-4	CL230-0036-6 CL230-0037-9 CL230-0038-1	Pin 20 28 36	Part No. DX-20-CV DX-28-CV DX-36-CV	φ 6.7 φ 7.5 φ 8.7	φ 6.7 φ 7.5 φ 8.7	C 22.3 27.38 32.46	D 30.0 35.08 40.16

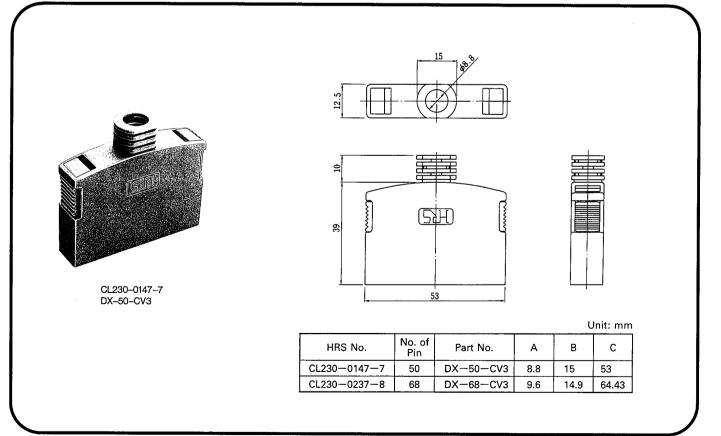
2.2 DX-% *-CV4 (Large Cable, One Touch Lock) Type



2.3 DX-%*-CV1 (Screw Lock)

							<u>F</u>		Linit: mm	
CL230-0058-9	HRS No.	No. of	Part No.	A	В	c	<u>F</u> D	E	Unit: mm	
CL230-0058-9 DX-68-CV1	HRS No. CL230-0054-8	No. of Pin 20				С	D		F	
			Part No. DX-20-CV1 DX-28-CV1	A 6.0 6.5	8.0	C 19.2	D 34.2	32	F M3 x 0.5	
	CL230-0054-8	20	DX-20-CV1	6.0		С	D 34.2 39.28	32 32	F M3 x 0.5 M3 x 0.5	
	CL230-0054-8 CL230-0055-0	20 28	DX-20-CV1 DX-28-CV1	6.0 6.5	8.0 8.5	C 19.2 24.28	D 34.2	32	F M3 x 0.5 M3 x 0.5 M3 x 0.5	
	CL230-0054-8 CL230-0055-0 CL230-0056-3	20 28 36	DX-20-CV1 DX-28-CV1 DX-36-CV1	6.0 6.5 7.5	8.0 8.5 9.0	C 19.2 24.28 29.36	D 34.2 39.28 44.36	32 32 32	F M3 x 0.5 M3 x 0.5	
	CL230-0054-8 CL230-0055-0 CL230-0056-3 CL230-0057-6	20 28 36 50	DX-20-CV1 DX-28-CV1 DX-36-CV1 DX-50-CV1	6.0 6.5 7.5 8.5	8.0 8.5 9.0 10.0	C 19.2 24.28 29.36 38.25	D 34.2 39.28 44.36 53.25	32 32 32 32 32	F M3 x 0.5 M3 x 0.5 M3 x 0.5 M3 x 0.5	

2.4 DX-%%-CV3 (One Touch Lock, Overmold)



3. Receptacle 3.1 DX10-%%S (Right Angle Dip, One Touch Lock)

	10.5			M2	. <u>6×0.45</u>	-		
CL230-0004-0 DX10-50S					<u>3.4</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u>		3.81	Jnit: mm
	HRS No.	No. of Pin	Part No.	A	В	с	D	E
	CL230-0001-1	20	DX10-20S	33.4	27.4	11.43	21.6	27.4
	CL230-0002-4	28	DX10-28S	38.48	32.48	16.51	26.68	32.48
	CL230-0003-7	36	DX10-36S	43.56	37.56	21.59	31.76	37.56
	CL230-0004-0	50	DX10-50S	52.45	46.45	30.48	40.65	46.45
		68	DX10-68S	63.88	57.88	41.91	52.08	57.88
	CL230-0005-2	00	DX10-065	05.00	57.00	41.31	52.00	57.00

3.2 DX10A-%%S (Right Angle Dip, Screw Lock)

			E 201					
			₩2.6×0.45		ri 1 ⁰⁰ L	Pane Thickn t = 0.7~ t = 1.5~	ess 1.0 E	No. of Washer Each 2 pieces Each 1 piece
VC Contraction	D		(<u>MZ.0×</u> 0.45	-				
	<u> </u>		\ <u>MZ.8×</u> 0.45	,	1	Ŧ	1	Unit: m
CL230-0050-7	HRS No.	No. of Pin	Part No.	A	В	с	D	Unit: m
CL230-0050-7 DX10A-50S					B 27.4	C 11.43	D 27.4	1
	HRS No.	Pin	Part No.	A			ļ	E
	HRS No. CL230-0047-2	Pin 20	Part No. DX10A—20S	A 33.4	27.4	11.43	27.4	E M3 x 0.5
	HRS No. CL230-0047-2 CL230-0048-5	Pin 20 28	Part No. DX10A-20S DX10A-28S	A 33.4 38.48	27.4 32.48	11.43 16.51	27.4 32.48	E M3 × 0.5 M3 × 0.5
	HRS No. CL230-0047-2 CL230-0048-5 CL230-0049-8	Pin 20 28 36	Part No. DX10A—20S DX10A—28S DX10A—36S	A 33.4 38.48 43.56	27.4 32.48 37.56	11.43 16.51 21.59	27.4 32.48 37.56	E M3 x 0.5 M3 x 0.5 M3 x 0.5
	HRS No. CL230-0047-2 CL230-0048-5 CL230-0049-8 CL230-0050-7	Pin 20 28 36 50	Part No. DX10A-20S DX10A-28S DX10A-36S DX10A-50S	A 33.4 38.48 43.56 52.45	27.4 32.48 37.56 46.45	11.43 16.51 21.59 30.48	27.4 32.48 37.56 46.45	E M3 x 0.5 M3 x 0.5 M3 x 0.5 M3 x 0.5

3.3 DX10-% SE (Right Angle Dip, One Touch Lock, Lock Pin) 儲 M2.6×0.45 .27 3.4 D 9.61 \$ ଡ଼ୄୄ E Unit: mm No. of Pin D Ε HRS No. Part No. А в С

20

DX10-20SE

33.4

27.4

11.43

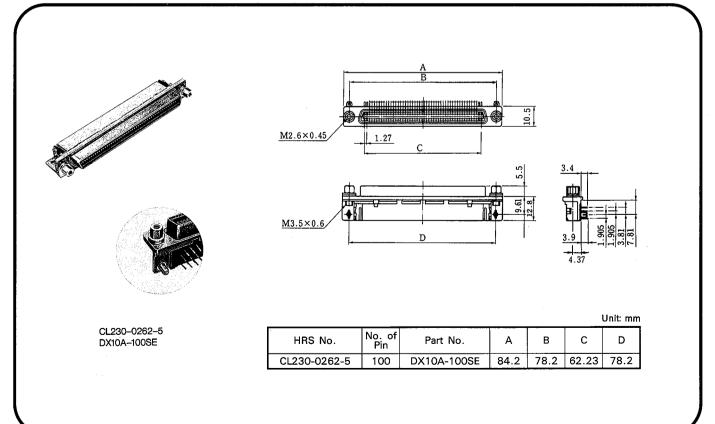
21.6

27.4

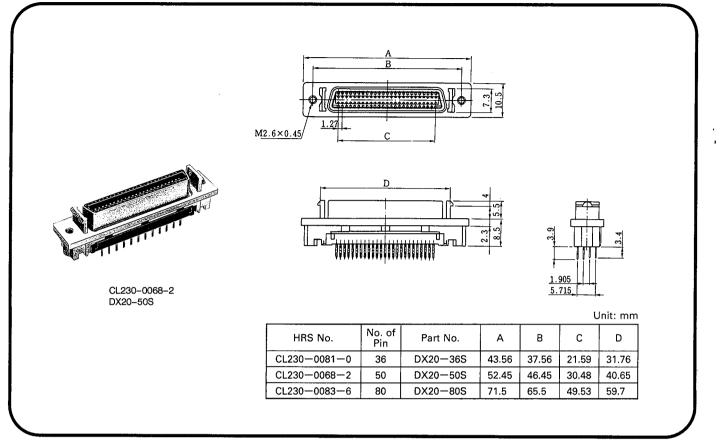
3.4 DX10A-% % SE (Right Angle Dip, Screw Lock, Lock Pin)

CL230-0274-4

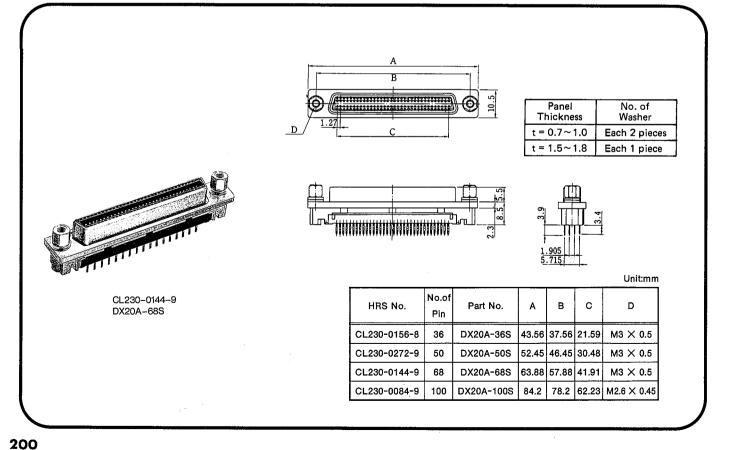
CL230-0274-4 DX10--20SE



3.5 DX20- ** S (Straight Dip, One Touch Lock)



3.6 DX20A- ** S (Straight Dip, Screw Lock)



3.7 DX10-50SW (Right Angle Dip, One Touch Lock, Double Layer)

M2.6×0.45

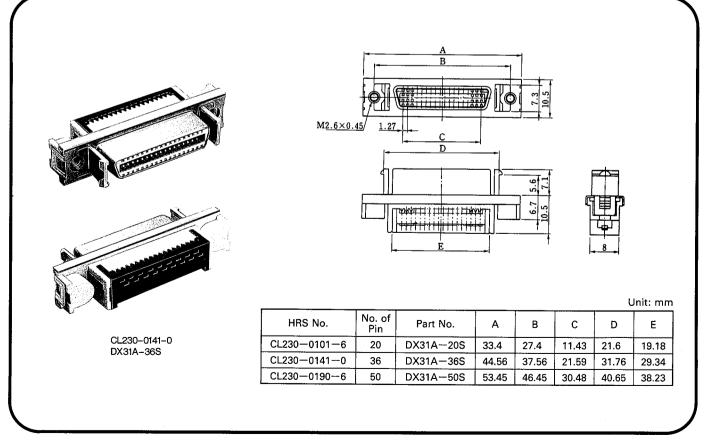
CL230-0069-5 DX10-50SW <u>54.85</u> 40.65

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4. Panel mount Cable to Cable Connector 4.1 DX30A^{*} S (Discrete Wire, Thin Cable, One Touch Lock)

	M2 <u>.6×0.4</u>	5/ <u>1.27</u>	A B C C C C C C C C C C C C C C C C C C		<u> </u>			Jnit: m
		No. of Pin	Part No.	A	в	с	D	E
CL230-0185-6	HRS No.	Pin						
CL230-0185-6 DX30A-36S	HRS No. CL230-0185-6 CL230-0186-9	36	DX30A-36S	44.56	37.56	21.59	31.76	29.34

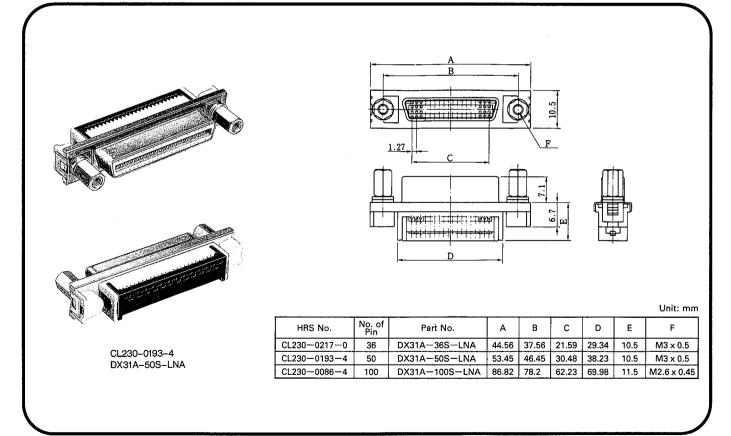
4.2 DX31A-%%S (Discrete Wire Laminated, Fine Cable, One Touch Lock)



4.3 DX30A-%%S-LNA (Discrete Thin Wire, Screw Lock)

			A B C C C C C C C C C C C C C C C C C C C			<u> </u>			
			D						Unit: mn
	HRS No.	No. of	Part No.	A	в	С	D	E	Unit: mn
CI 220_0180_7	HRS No. CL230-0167-4	No. of Pin 36	r	A 44.56	B 37.56	C 21.59	D 29.34	E 10.5	
CL230-0189-7 DX30A-50S-LNA		-	Part No.						F

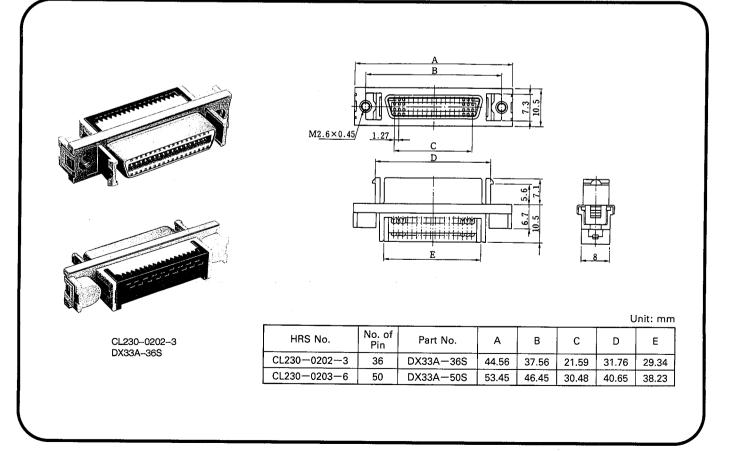
4.4 DX31A-%%S-LNA (Discrete Wire Laminated, Screw Lock)



4.5 DX32A-%%S (Discrete Wire Laminated, Ribbon Cable, One Touch Lock)

	M2.6×0.45	B		<u>10.5 7.1</u> <u>10.5 7.1</u>			
CL230-0195-0 DX32A-36S	HRS No. Pin	of Part No.	A	в	с	D	Unit: mm E

4.6 DX33A-%%S (Group IDC, Flat Ribbon Cable, One Touch Lock)

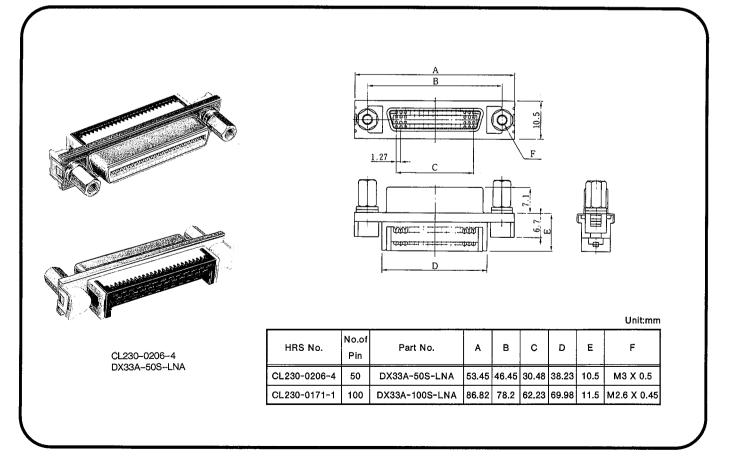


204

4.7 DX32A- ** ** S-LNA (Loose Piece IDC, Slit Ribbon Cable, Screw Lock)

					ы 10.5			
			D		<u>6.7</u> <u>10.5</u>			
								Unit: mm
CL230-0199-0	HRS No. CL230-0199-0	No. of Pin	Part No.	A	В	с	D	E
DX32A-50S-LNA	I CL230-0199-0	50	DX32A-50S-LNA	53.45	46.45	30.48	38.23	M3 x 0.5

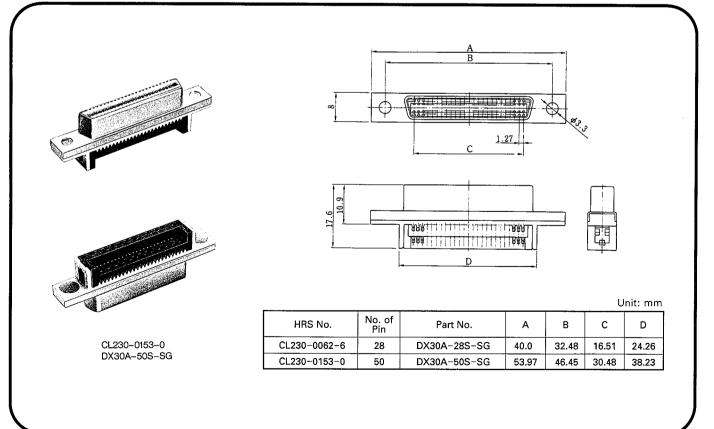
4.8 DX33A ******S-LNA (Group IDC, Flat Ribbon Cable, Screw Lock)



5. Plug In Connector 5.1 DX30A-%*P-PG (Discrete Thin Wire)

		<u><u></u></u>			5 16.7		Jnit: mm
Ú	HRS No.	No. of Pin	Part No.	А	В	с	D
	CL230-0061-3	28	DX30A-28P-PG	40.0	32.48	16.51	24.26
	CL230-0135-8	36	DX30A-36P-PG	45.08	37.56	21.59	29.34
CL230-0152-7 DX30A-50P-PG							38.23

5.2 DX30A-%%S-SG (Discrete Thin Wire)

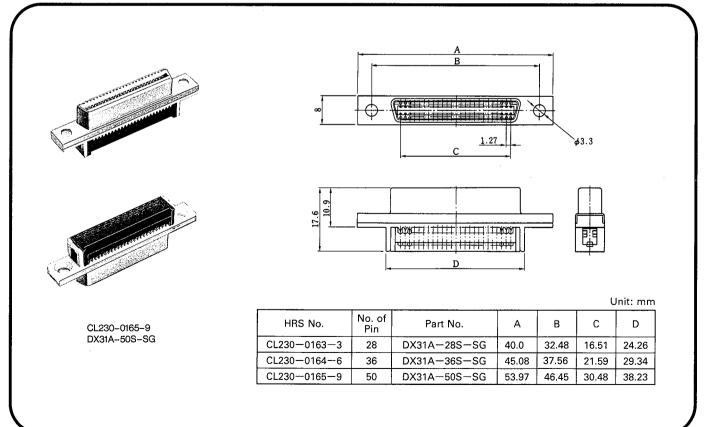


206

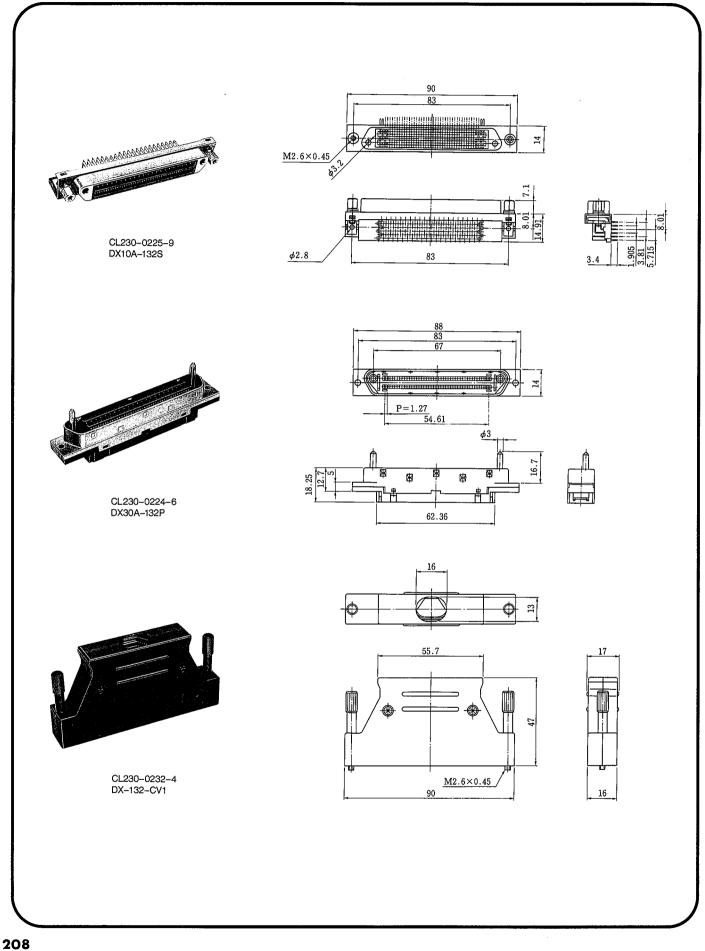
5.3 DX31A- ** P-PG (Discrete Wire Laminated)

	17.2	╧╧┑╓╈			5 16.7		
						U	nit: mm
	HRS No.	No. of Pin	Part No.	A	В	U C	nit: mm D
CL230-0162-0	HRS No. CL230-0160-5	No. of Pin 28	Part No. DX31A-28P-PG	A 40.0	B 32.48		

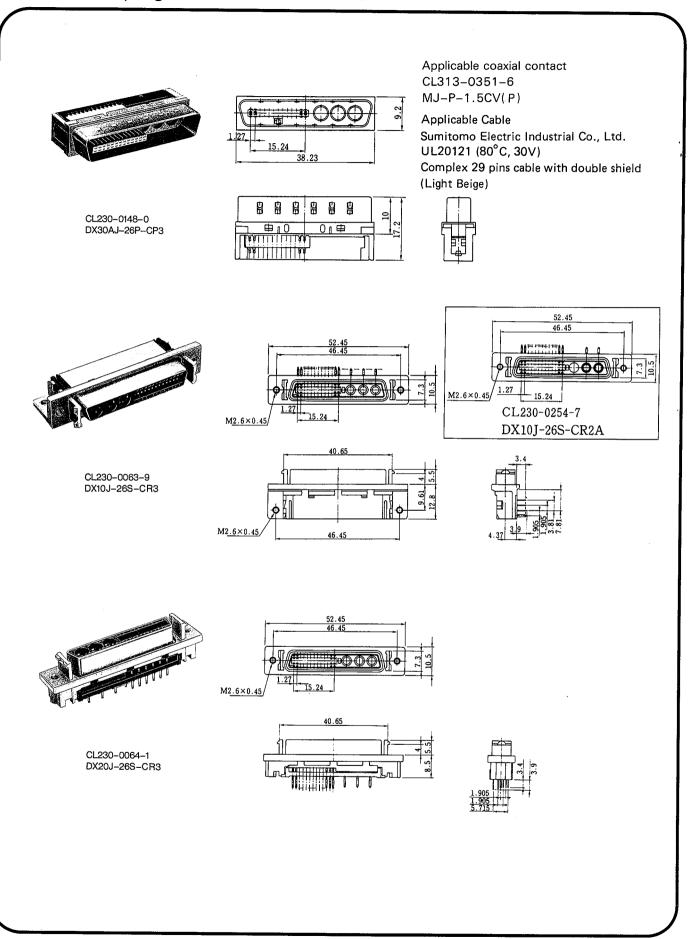
5.4 DX31A-%%S-SG (Discrete Wire Laminated)



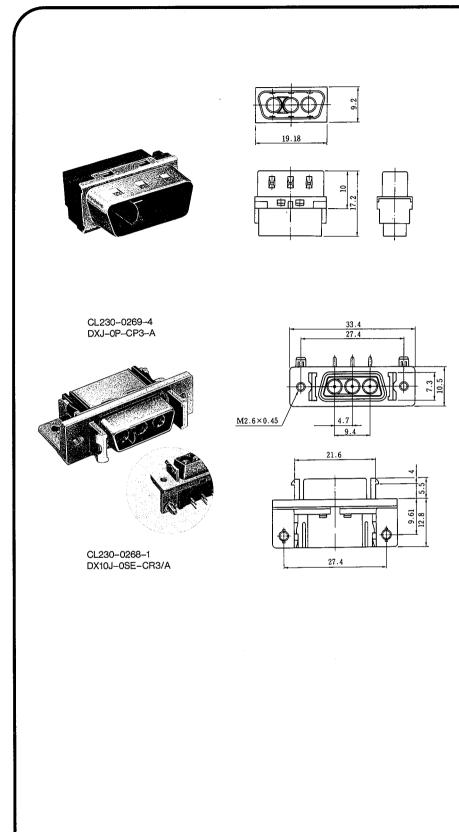
6. Multipole Connector (132 pins)



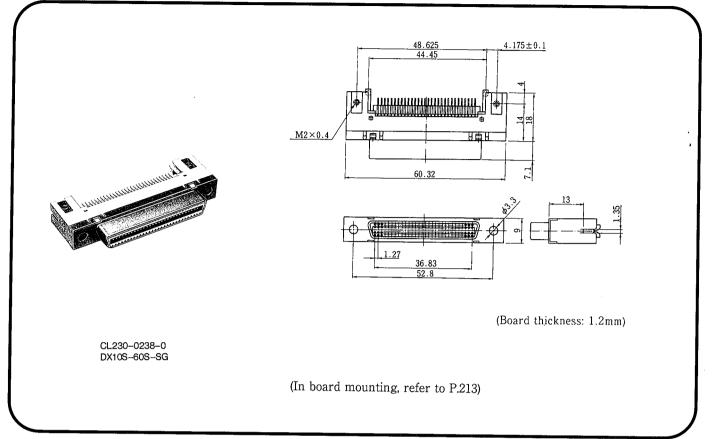
Co-axial Connector Co-axial, Signal Terminal Connector



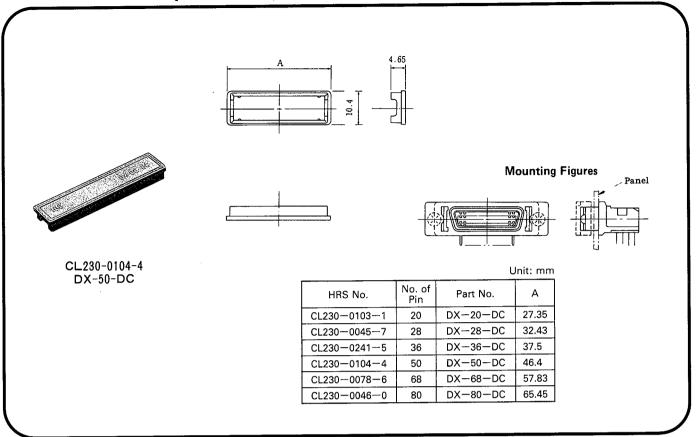
7.2 Co-axial Connector (Prevention of Mis-insertion)



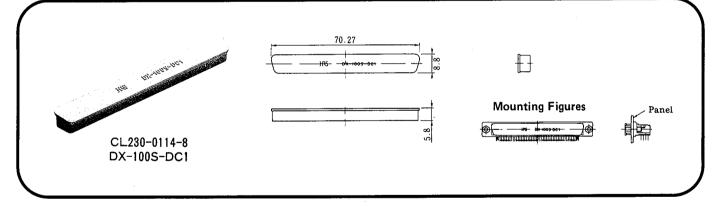
8. SMT Connector 8.1 DX10S-60S-SG Socket



9. Dust Cap 9.1 DX-%%-DC (Semi-Hard, for One Touch Lock)

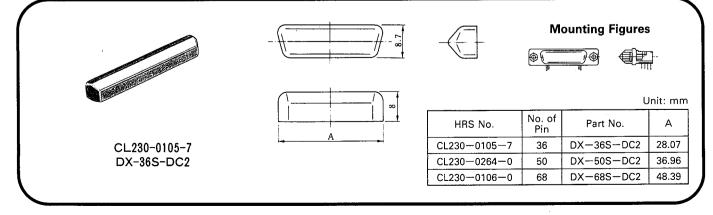


9.2 DX-100S-DC1 (Semi-Hard, for One-Touch Locking, for Screw Lock)



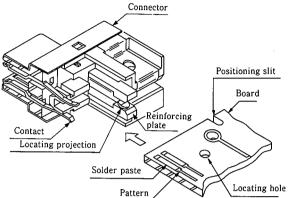
6

9.3 DX-%%S-DC2 (Soft Hard, for One-Touch Locking, for Screw Lock)

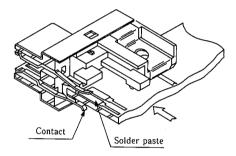


SMT Mounting Instructions

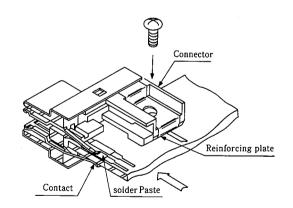
1. Insert board in connector until the projections for locating the reinforcing plate stop in the locating holes on the board.



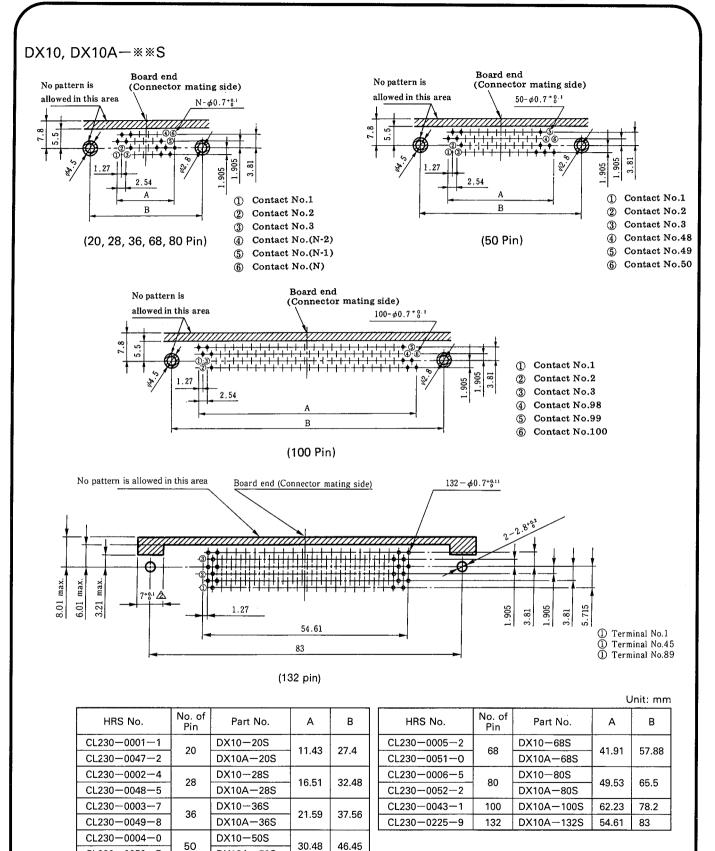
2. When the projections for locating the reinforcing plate are on the surface of the board, a gap exists between the solder paste on the board and the connector contacts.



3. When the board is inserted fully, the locating projections snap into the locating holes on the board, allowing the connector contacts to close and make contact with the solder paste.

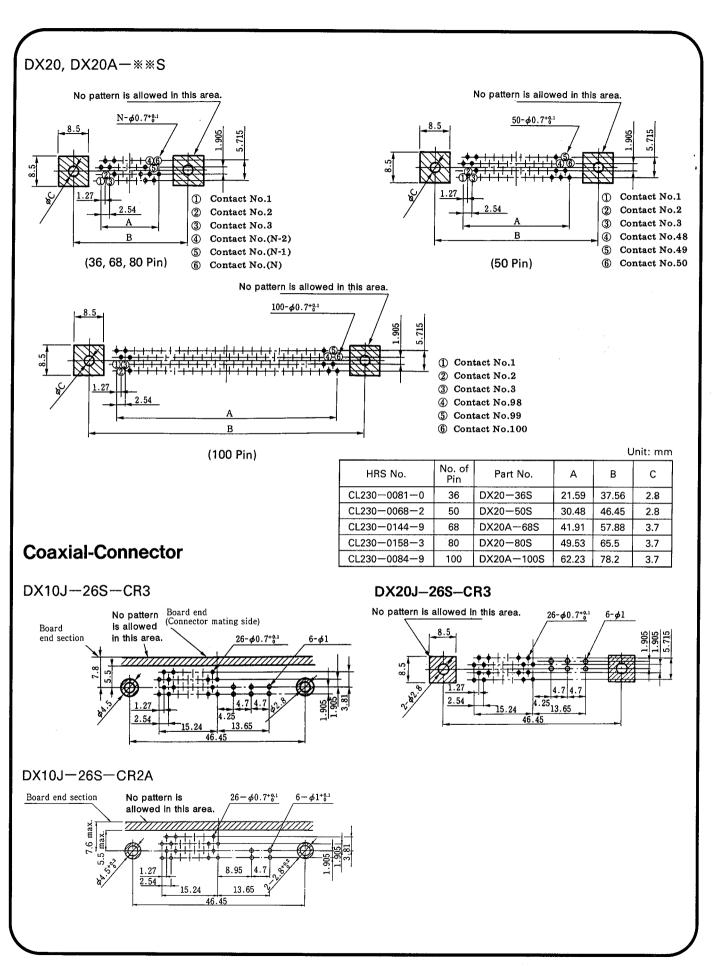


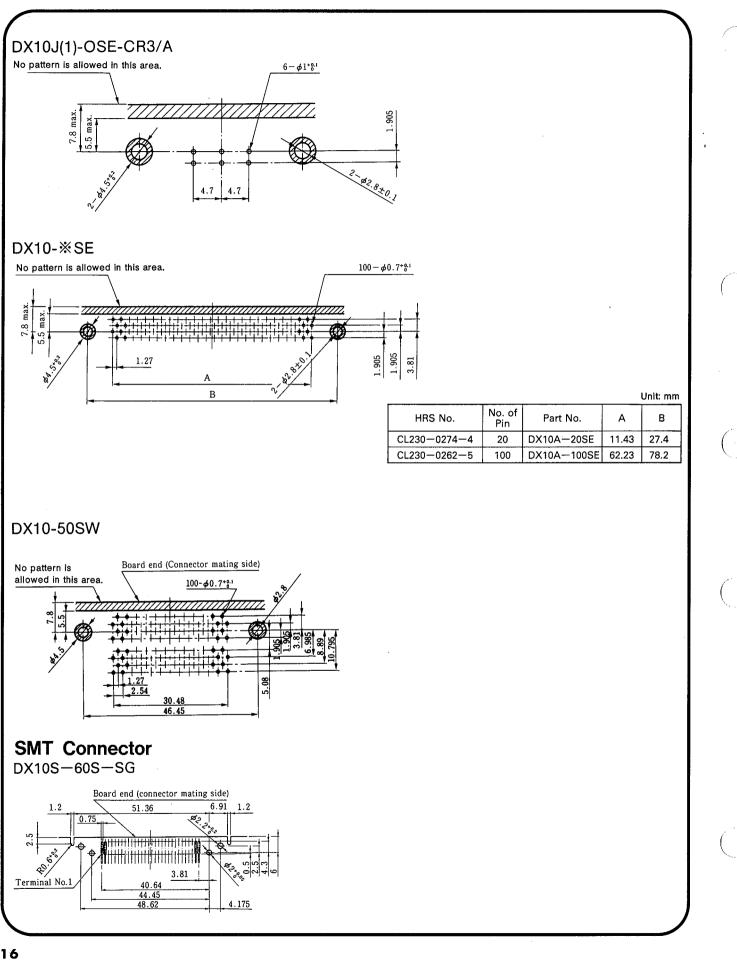
PC Board Layout (Recommended board thickness:1.6mm)



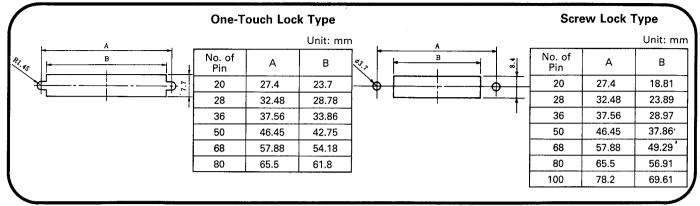
CL230-0050-7

DX10A-50S

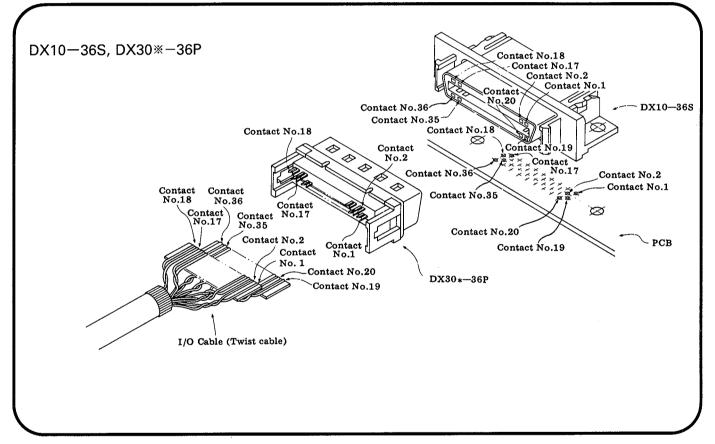




Panel-Fitting Dimensional Drawing (Recommended panel thickness:1.6mm)



DX Connector Distribution Diagram



Connecting Method (for Discrete Cable)

• Connecting Tools



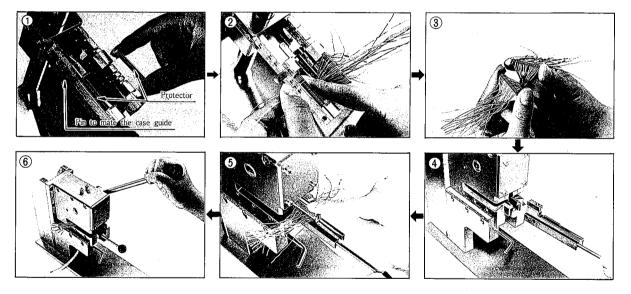


**(20, 28, 36, 50, 68, 80)

DX30 Cable Distribution Jig Guide Plate DX30-**GP

Connecting Press DX30-HR

• Connecting Order



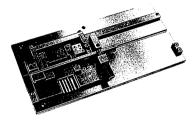
- 1. Mate the case guide of the distribution jig to the number of pins of the connector and set the protector.
- 2. Clamp the cable and distribute every one of the signal wires.
- 3. Combine the two protectors and temporarily fix it to the connector unit.
- 4. Set the guide plate (DX30-**GP) to the connecting press DX30-HP.
- 5. Set the connector to the guide plate and insert the guide plate in the connecting press DX30-HP.
- 6. Depress the handle. (With this the connection and the cutting of a remaining part of cable have been completed)

Connecting Method (for Cadle Pitch 1.27mm)

• Connecting Tools



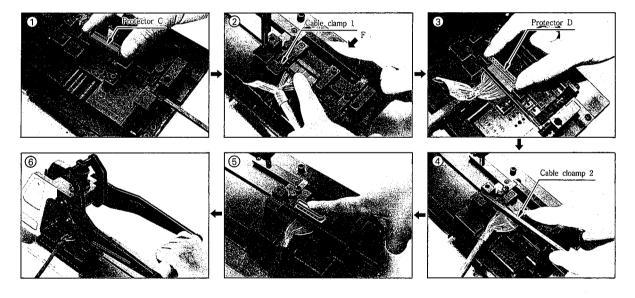
Connecting Press Hi-Flex Connecting Press



Guide Plate DX31-2080GP (For 20P ~ 80P) DX31-100GP (For 100P)

Note: Comes with a pressure block

• Connecting Order



- 1. Set the guide plate in the connecting press and set 5. Place the connector body over the protector. the Protector C in the guide plate.
- 2. Set the first cable. (Fix the first cable with the cable clamp 1 of the guide plate)
- 3. Combine the Protector D with the Protector C.
- 4. Set the second cable. (With the cable clamp 2 of the guide plate, fix the second cable)
- 6. Shift the slide base to the position to crimp and depress the handle. (With this the connection has been completed)

List of Connecting jigs and Accessories

Plug Connector

Cable	Connector Name	Wire Configuration	Crimping	(Connection)								
Gabie		Whe configuration	Press	Guide plate								
	DX30-20P DX30A-20P	- By band		DX30-20GP CL902-0118-7								
	DX30-26P DX30A-26P	DX30-26P DX30A-26PBy hand DX30DX30-36P DX30-36PCable distribution JIG Cable distribution JIGDX30-36P DX30A-36PCL902-0116-1 Semi-Auto machineDX30-50P DX30A-50PSA200/DX30 CL903-0003-1DX30-68P DX30A-68PAutomatic machine 	0-26P DX30			DX30	DX30		DX30	DX30		DX30-26GP CL902-0119-0
		CL902-0116-1 Connecting press		DX30-36GP CL902-0120-9								
I/O Cable (Discrete wire)		SA200/DX30 CL903-0003-1 Automatic machine	CL902-0117-4	DX30-50GP CL902-0121-1								
				DX30-68GP CL902-0122-4								
				DX30-80GP CL902-0123-7								
				DX30-100GP CL902-2031-1								
				DX31-2080GPA								
				(Common to 20P- 80P)								
I/O Cable	DX31-50P DX31A-50P		Hi-Flex Connecting press	CL902-2003-6 (Comes with								
(1.27mm pitch fusion welding cable)	DX31-68P DX31A-68P		HHP-502 CL550-0082-2	pressure block)								
Cable)	DX31-80P DX31A-80P											
	DX31-100P DX31A-100P			DX31-100GPA CL902-0125-2 (100pin private) (Comes with pressure block								

Extension Connector

Cable	Connector NameWire ConfigurationDX30A-20SBy hand DX30 Cable distribution JIG CL902-0116-1DX30A-36SCL902-0116-1DX30A-50SSemi-Auto machine SA200/DX30DX30A-50S-LNACL903-0003-1DX32A-50S-LNAAutomatic machine AM200/DX30DX30A-100S-LNACL200/DX30DX31A-20SDX31A-36SDX31A-36SDX31A-36SDX3A-36SDX3A-36S	Crimping	(Connection)	
	Connector Maine		Press	Guide plate
	DX30A-20S			DX30-20SGP CL902-0292-4
I/O Cable (Discrete wire)		CL902-0116-1	DX30-SHP	DX30-36SGP CL902-0234-8
Ribbon Cable (IDC)	DX30A-50S-LNA	CL903-0003-1 Automatic machine	CL902-0229-8	DX30-50SGP CL902-0235-0
	DX30A-100S-LNA			DX30-100SGP CL902-0230-7
	DX31A-20S			
				DX31-2080SGPA (Common to 20P- 80P)
I/O Cable (1.27mm pitch fusion welding cable) Ribbon Cable	DX31A-50S DX31A-50S-LNA DX33A-50S DX33A-50S-LNA		Hi-Flex Connecting press HHP-502 CL550-0082-2	CL902-2013-0 (Comes with pressure block)
	DX31A-100S-LNA DX33A-100S-LNA			DX31-100SGPA CL902-0246-7 (100pin private) (Comes with pressure bloc

Note: Please assembly cable without lock screws. (LNA type)

.

			Crim	iping	Remaining	part cutting
Cable	Connector Name	Wire Configuration	Press	Unit	Press	Unit
	DX30A-28P-PG	Du hand				
	DX30A-36P-PG	By hand DX30 Cable distribution		DX30A-PG-GPT		
	DX30A-50P-PG	JIG				
I/O Cable	DX30A-28S-SG	CL902-0116-1	DX30AM-HP1		DX30AM-HP1	
Discrete wire) DX30A-36S-S	DX30A-36S-SG	Semi-Auto machine	CL902-0210-0		CL902-0210-0	DX30A-PSG-C
-	DX30A-36S-SG Semi-Auto machine DX30A-50S-SG SA200/DX30 CL903-0003-1 Automatic machine AM200/DX30 CL903-0030-4			DX30A-SG-GPT		
0.11		Mine Configuration	Crim	iping		
Cable	Connector Name	Wire Configuration	Press	Guide plate	Pressure block	
	DX31A-28P-PG				DX31A-PG-PB	
I/O Cable	DX31A-36P-PG		Hi-Flex Connecting		CL902-2025-9	
(1.27mm pitch	DX31A-50P-PG		press	DX31-PSG-GPA	01002-2020-9	
fusion welding	DX31A-28S-SG		HHP-502	CL902-2024-6	DX31A-SG-PB	
cable)	DX31A-36S-SG]	CL550-0082-2		CL902-2026-1	
	DX31A-50S-SG	1			01902-2020-1	

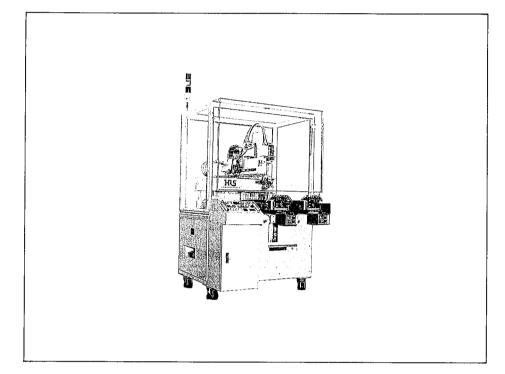
Coaxial Connector

Cable	Connect	or Name	Coaxial	Connector Cor	nection		Plug C	Connector Conn	ection	
I/O Cable	Plug	Coaxial	Inner Conduc	ctor Crimping	Shell	Wire	Crim	ping	Shield case	Hood
	Connector	nector Signal Connector	Crimping machine	Applicator	Contact Caulking	Configuration	Press	Guide plate	fixing	insertion
Coaxial Complex	DX30AJ- 26P-CP3		1.5CV(P) CL901- 1.5CV		1.5CV(P)-	DX30J- CAT(01)	DX30-HP CL902-0117-4	DX30J-26GP	DX30J-CCT DX30J-H (01)	DX30J-HPT
Cable	DXJ-OP- CP3/A		0005-4	CL901- 3001-0	CCT(01)					

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 ²	ł
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 (0.58mmφ)	