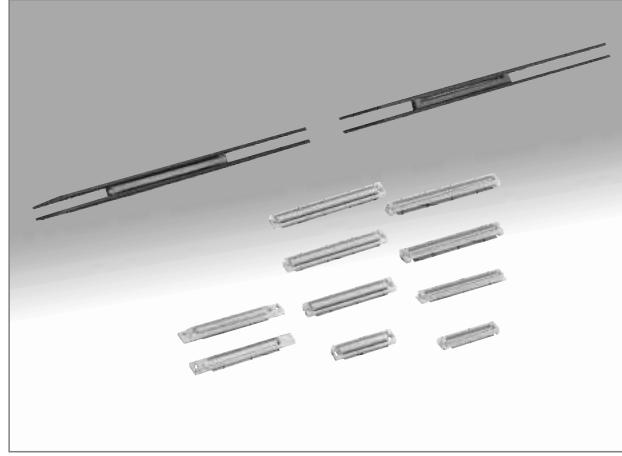


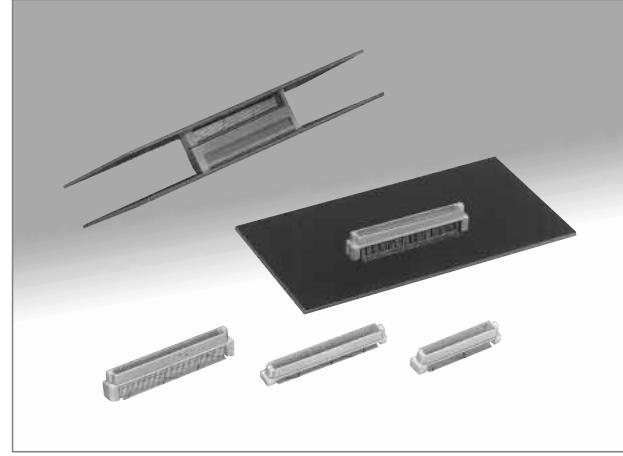
0.6mm Pitch Stacking Height 3mm to 16mm Connector

FX8, FX8C Series

FX8 Series



FX8C Series



Note that FX8 series and FX8C series are not mated with each other.

■Features

1. Stacking Height 3mm to 16mm available

The board to board stacking height can correspond to 3mm~16mm.

2. SMT Coplanarity

The coplanarity of the SMT solder area lead is maintained at the high accuracy of less than 0.1mm.

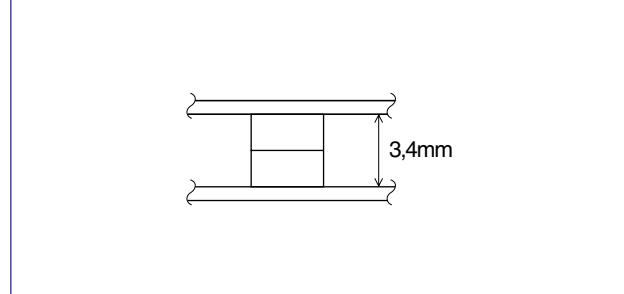
3. Mating Guide

The very small and guide rib is provided, and secures ± 0.6 mm self-alignment, considering the mating operativity into accounts.

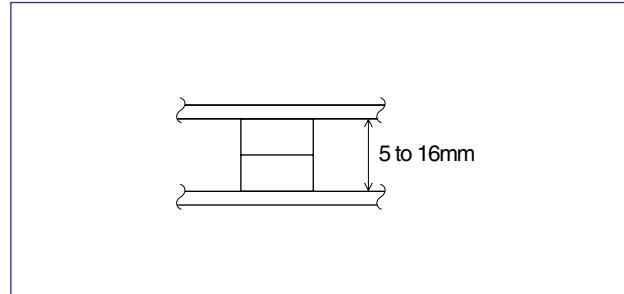
4. Mis-insertion Prevention

The boss prevents mis-insertion in the board to cause due to the boss position and boss diameter.

●Stacking Height 3,4mm-FX8 Series



●Stacking Height 5 to 16mm-FX8C Series



■Applications

Note pc, business equipments, which require miniaturization or light-weight

FX8 Series

Product Specifications

Rating	Current rating 0.4A Voltage rating 100V AC	Operating Temperature Range -55°C to +85°C Note 1. Operating Humidity Range 40% to 80%	Storage Temperature Range -10°C to +60°C Note 2. Storage Humidity Range 40% to 70%
Item	Specification		Condition
1. Insulation Resistance	1000M ohms min		250V DC
2. Withstanding voltage	No flashover or insulation breakdown.		300V AC/1 minute
3. Contact Resistance	45m ohms max.		100mA
4. Vibration	No electrical discontinuity of 1μs or more		Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions.
5. Humidity (Steady state)	Contact resistance: 55m ohms max.: Insulation resistance: 100M ohms min.		96 hours at temperature of 40°C and humidity of 90% to 95%
6. Temperature Cycle	Contact resistance: 55m ohms max.: Insulation resistance: 100M ohms min.		(-55°C: 30 minutes, 15 to 35°C: 2 to 3 minutes 85°C: 30 minutes, 15 to 35°C: 2 to 3 minutes) 5 cycles
7. Durability (Mating/un-mating)	Contact resistance: 55m ohms max.		50 cycles
8. Resistance to Soldering heat	No deformation of components affecting performance.		Reflow: At the recommended temperature profile Manual soldering: 300°C for 3 seconds

Note 1: Includes temperature rise caused by current flow.

Note 2: The term "storage" refers to products stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

Material

Part	Material	Finish		Remarks
Insulator	PPS	Light brown		UL94V-0
Header Contact	Phosphor bronze	Contact area Lead area	Gold plated Tin-lead plated	_____
Receptacle Contact	Phosphor bronze	Contact area Lead area	Gold plated	_____

Note : The black dots on the insulator will not affect performance.

Ordering Information

Single Product

FX8 - 120 P - SV 1 (92)

① ② ③ ④ ⑤ ⑥

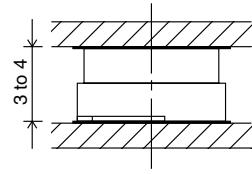
① Series Name : FX8	⑤ Product height variation None...Standard (Minimum low profile) 1 : +1mm
② Number of Contacts : 60, 80, 90, 120, 140	
③ Connector type P : Header S : Receptacle	⑥ Package Form None : Tray package product (21) : Tube packaging product (22) : Emboss tape package product
④ Contact type SV : Board vertical type	

*The embossed tape packaging product is prepared for all number of contacts, except for 140 contacts.

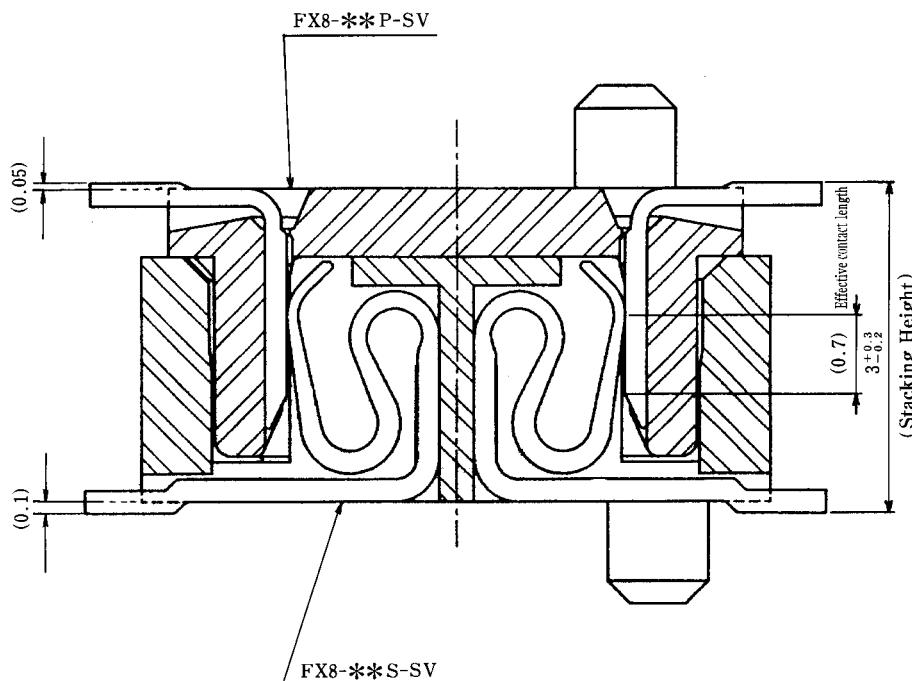
◆Stacking Height Variation

●Single Product

	FX8-**P-SV	FX8-**P-SV1
FX8-**S-SV	3mm	4mm



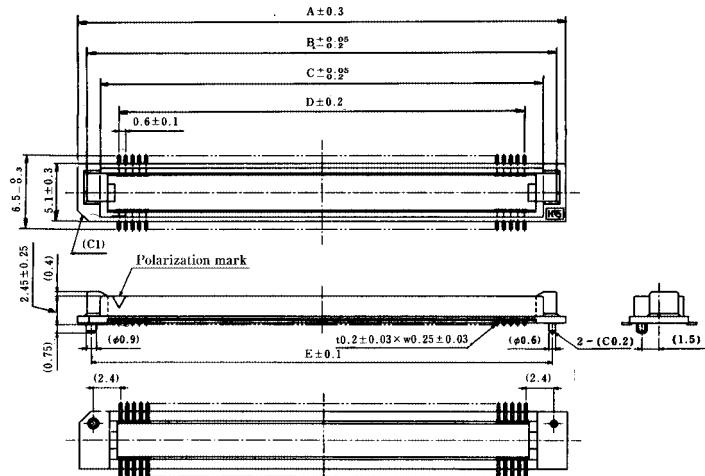
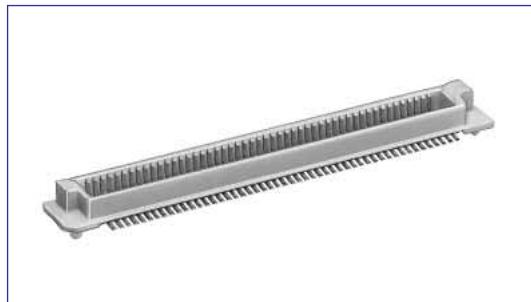
◆Mating Sectional View



(The above illustration represents the stacking height 3mm type.)

■Header (Single Product)

[FX8-**P-SV]



Unit: mm

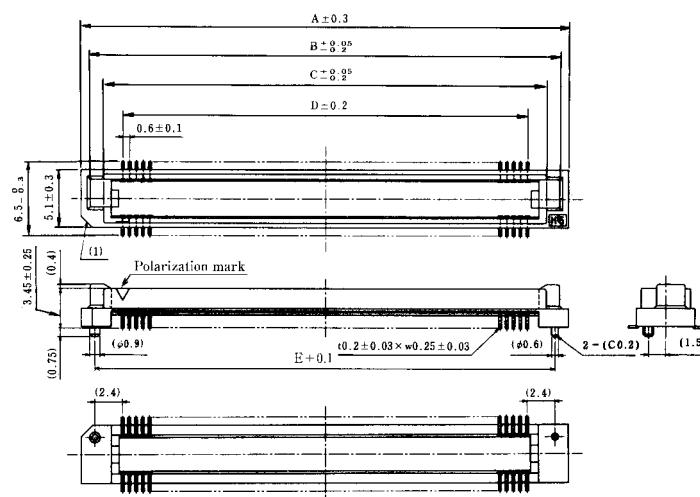
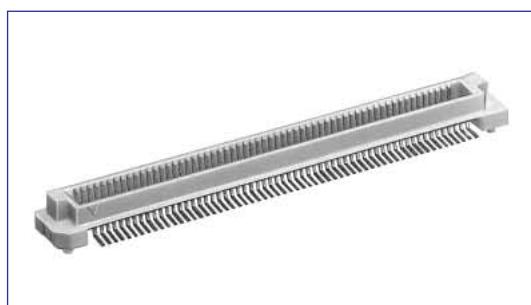
Part Number	CL No.	Number of Contacts	A	B	C	D	E	Tube packaging Quantity (Pieces)	RoHS
FX8- 60P-SV(92)	578-0001-6-92	60	24.60	23.00	20.70	17.40	22.20	21	YES
FX8- 80P-SV(92)	578-0003-1-92	80	30.60	29.00	26.70	23.40	28.20	17	
FX8- 90P-SV(92)	578-0004-4-92	90	33.60	32.00	29.70	26.40	31.20	15	
FX8-100P-SV(92)	578-0005-7-92	100	36.60	35.00	32.70	29.40	34.20	14	
FX8-120P-SV(92)	578-0006-0-92	120	42.60	41.00	38.70	35.40	40.20	12	
FX8-140P-SV(92)	578-0007-2-92	140	48.60	47.00	44.70	41.40	46.20	10	

**None: Tray packaging product, 21: Tube packaging product, 22: Embossed tape packaging product

Note 1: To order the tube packaging product, determine a quantity for delivery, multiplying the tube packaging product by an integer.

Note 2: The embossed tape package product is prepared for all number of contacts, except for 140 contacts. In addition, the product will be procured by the reel unit at 1 reel = 1000 pieces. Please refer to the delivery form item on page A235 for details.

[FX8-**P-SV1]



Unit: mm

Part Number	CL No.	Number of Contacts	A	B	C	D	E	Tube packaging Quantity (Pieces)	RoHS
FX8- 60P-SV1(92)	578-0041-0-92	60	24.60	23.00	20.70	17.40	22.20	21	YES
FX8- 80P-SV1(92)	578-0043-6-92	80	30.60	29.00	26.70	23.40	28.20	17	
FX8- 90P-SV1(92)	578-0044-9-92	90	33.60	32.00	29.70	26.40	31.20	15	
FX8-100P-SV1(92)	578-0045-1-92	100	36.60	35.00	32.70	29.40	34.20	14	
FX8-120P-SV1(92)	578-0046-4-92	120	42.60	41.00	38.70	35.40	40.20	12	
FX8-140P-SV1(92)	578-0047-7-92	140	48.60	47.00	44.70	41.40	46.20	10	

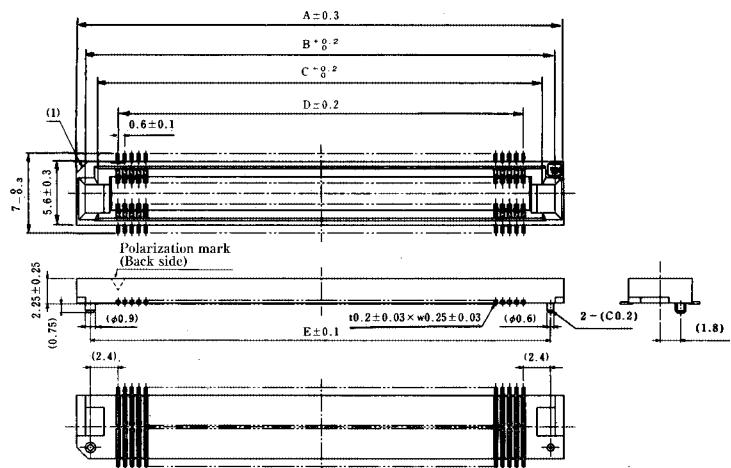
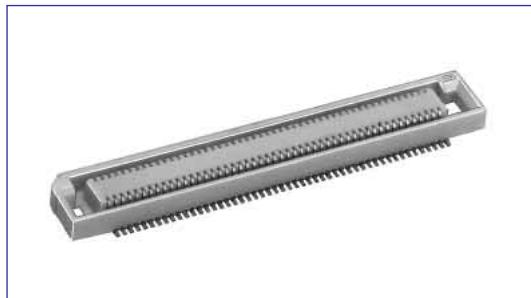
**None: Tray packaging product, 21: Tube packaging product, 22: Embossed tape packaging product

Note 1: To order the tube packaging product, please determine a quantity for delivery, multiplying the tube package product by an integer.

Note 2: The embossed tape package product is prepared for the entire number of contacts, except for 140 contacts. In addition, the product will be sold by the reel unit when 1 reel = 1000 pieces. Please refer to the delivery form item on page A235 for details.

■Receptacle (Single Product)

[FX8-**S-SV]



Unit: mm

Part Number	CL No.	Number of Contacts	A	B	C	D	E	Tube packaging Quantity (Pieces)	RoHS
FX8-060S-SV(22)	CL578-0201-5-22	60	24.60	23.05	20.80	17.40	22.20	21	YES
FX8-080S-SV(22)	CL578-0203-0-22	80	30.60	29.05	26.80	23.40	28.20	17	
FX8-090S-SV(22)	CL578-0204-3-22	90	33.60	32.05	29.80	26.40	31.20	15	
FX8-100S-SV(22)	CL578-0205-6-22	100	36.60	35.05	32.80	29.40	34.20	14	
FX8-120S-SV(22)	CL578-0206-9-22	120	42.60	41.05	38.80	35.40	40.20	12	
FX8-140S-SV(22)	CL578-0207-1-22	140	48.60	47.05	44.80	41.40	46.20	10	

**None: Tray packaging product, 21: Tube packaging product, 22: Embossed tape packageing product

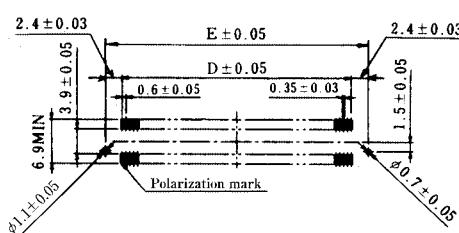
Note 1: To order the tube packaging product, determine a quantity for delivery,multiplying the tube packaging product by an integer.

Note 2: The embossed tape package product is prepared for the entire number of contacts, except for 140 contacts. In addition, the product will be sold per reel when 1 reel = 1000 pieces. Please refer to the delivery form item on page A235 for details.

◆PCB mounting pattern

Header

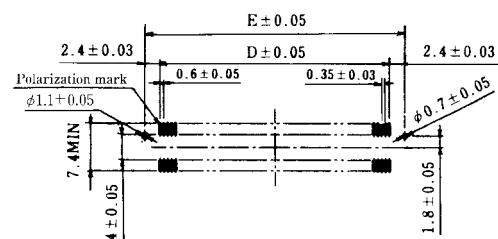
[FX8-**P-SV]
 [FX8-**P-SV1]



Recommended metal mask thickness : t = 0.15mm

Receptacle

[FX8-**S-SV]



Recommended metal mask thickness : t = 0.15mm

If the inside (the connector mounting lower side) of the SMT land isn't treated with the insulation tape and so on, the area is specified as a pattern prohibited area.

◆Connector Precautions for use

1. Tolerance Clearance on Mating Side

The effective contact length of the product is set to 0.7mm. Please use the product so as to set the clearance to less than 0.2mm between the header and the receptacle in the mating process.

2. Fixation between Mounting Boards

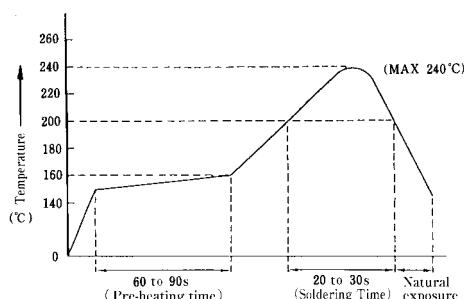
The very low profile and compact product, so never fix the connector between boards by mating force only

3. Stacking Height Tolerance for Mating

Stack 3mm	$3^{+0.3}_{-0.2}$ mm
Stack 4mm	$4^{+0.3}_{-0.2}$ mm

Note: Please Note that the above stacking tolerance doesn't include the solder paste thickness.

4. Mounting Temperature Profile (Reference)



Applicable Conditions

Reflow system	:IR reflow
Solder	:Paste type 63 Sn/37 Pb (Flux content 11 wt%)
Test board	:Glass epoxy 161mm x 100mm x 1.6 mm
Metal mask thickness	:0.15 mm
Recommended temperature profile.	
The temperature may be slightly changed according to the solder paste type and amount.	

◆Packaging Type

Packaging Type	Number of contacts	60 contacts	80 contacts	90 contacts	100 contacts	120 contacts	140 contacts
Tube packaging	Product Pieces	21 pieces	17 pieces	15 pieces	14 pieces	12 pieces	10 pieces
	Unit Packaged Sales	Deliver multiplying product pieces (60 contacts: 21, 42...)					
	Tube Total Length	550mm±2mm					
Embossed Tape Packaging	Tape Width	44mm	44mm	44mm	56mm	56mm	72mm
	Product Pitch	12mm					
	Emboss Reel Diameter	Refer to the table on catalog page A236.					
	Product Pieces	1000 pieces per reel					
	Unit Packaged Sales	Per reel					

*The above packaging describes about the single product only.

In addition, the packaging of the two-piece connection product is packaged by tray.

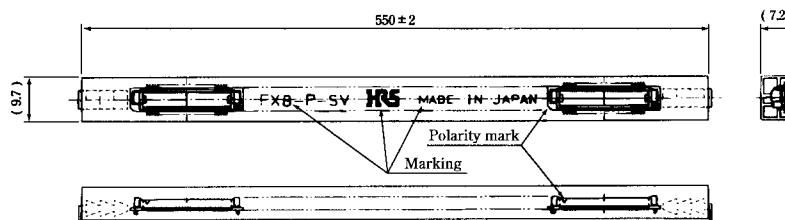
◆Packaging Specification

[Tube packaging]

●Header

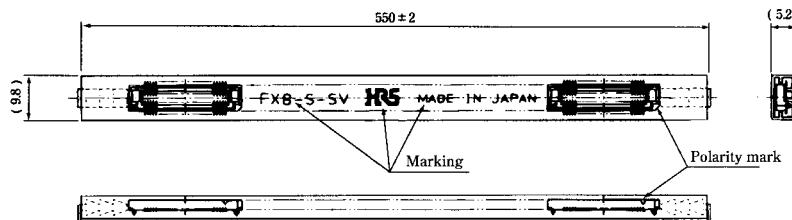
[FX8-**P-SV (21)]

[FX8-**P-SV1 (21)]



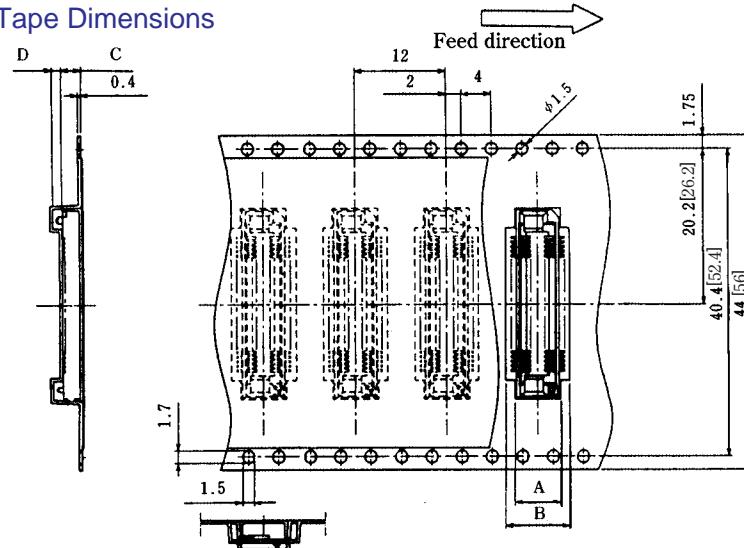
●Receptacle

[FX8-**S-SV (21)]



[Embossed Tape Package]

●Embossed Carrier Tape Dimensions



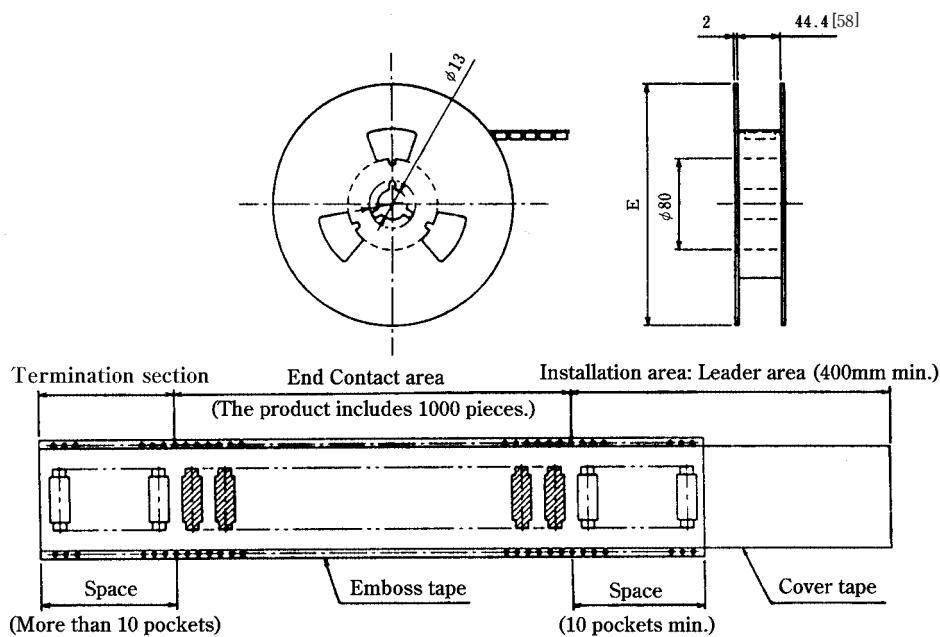
*The above pattern represents the receptacle connector case.

Unit: mm

P/S	Product No.	A	B	C	D	E
Header	FX8-**P-SV (92)	5.5	7.9	3.2	12	ϕ 330
	FX8-**P-SV1 (92)			4.2		ϕ 360
Receptacle	FX8-**S-SV (92)	6.0	8.4	2.6		ϕ 330

** : Number of Contacts

●Reel Dimensions (FREE)



Part number(s) obtained from the individual pages of the PDF catalogs on this site may have been changed. Please verify current part number on the RoHS link.

1. All information, such as connector specifications, dimensions, etc, on the web site are reference only. Connector information can be changed without notice.

Please request the latest specification and DWG from HRS before you design in our products.

Please confirm the RoHS status using the RoHS Compliant Part Number Search on this web site.

2. Please check the availability of Non-RoHS compliant products before ordering. Non-RoHS compliant products may be discontinued.

FX8 Series Product List

[Help](#)

213KB Data: 80

Request	Series Description	HRS No	Product No▼	No. of Positions	Connector Type	Contact Gender	Contact Spacing (mm)	Terminal Pitch (mm)	Stack Height (mm)	PCB Mount Type	Current Rating (Amps) (Max.)	Contact Mating Area Plating	Operating Temperature Range (degrees C)	Selling Unit	General Description
<input type="button" value="GO"/>	FX8	578-0145-6 71	FX8-100/100P11-SV1J(71)	200	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Height:+1mm; Changed Finish
<input type="button" value="GO"/>	FX8	578-0105-1 71	FX8-100/100P11-SVJ(71)	200	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Changed Finish
<input type="button" value="GO"/>	FX8	578-0005-7 71	FX8-100P-SV(71)	100	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
<input type="button" value="GO"/>	FX8	578-0005-7 91	FX8-100P-SV(91)	100	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	14pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
<input type="button" value="GO"/>	FX8	578-0005-7 92	FX8-100P-SV(92)	100	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
<input type="button" value="GO"/>	FX8	578-0005-7 93	FX8-100P-SV(93)	100	Board	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel	Header; Straight; Locating boss; Suction tape for automatic PCB

				mounting									(1000pcs.)	mounting; Specified packaging; Changed Finish	
GO	FX8	578-0045-1 71	FX8-100P-SV1(71)	100	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0045-1 91	FX8-100P-SV1(91)	100	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	14pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0045-1 92	FX8-100P-SV1(92)	100	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0045-1 93	FX8-100P-SV1(93)	100			0.6	0.6	4.00		0.4	Gold	-55 to 85	1reel (1000pcs.)	
GO	FX8	578-0205-6 00	FX8-100S-SV	100	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0205-6 21	FX8-100S-SV(21)	100	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	14pcs. (1magazine)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0205-6 22	FX8-100S-SV(22)	100	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0205-6 23	FX8-100S-SV(23)	100	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Suction tape for automatic PCB mounting; Specified packaging
GO	FX8	578-0146-9 71	FX8-120/120P11-SV1J(71)	240	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0106-4 71	FX8-120/120P11-SVJ(71)	240	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection;

														Locating boss; Changed Finish	
GO	FX8	578-0306-3 00	FX8-120/120S11-SVJ	240	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; 2-piece connection; Locating boss
GO	FX8	578-0006-0 71	FX8-120P-SV(71)	120	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0006-0 91	FX8-120P-SV(91)	120	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	12pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0006-0 92	FX8-120P-SV(92)	120	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0046-4 71	FX8-120P-SV1(71)	120	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0046-4 91	FX8-120P-SV1(91)	120	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	12pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0046-4 92	FX8-120P-SV1(92)	120	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0206-9 00	FX8-120S-SV	120	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0206-9 21	FX8-120S-SV(21)	120	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	12pcs. (1magazine)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0206-9 22	FX8-120S-SV(22)	120	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0147-1 71	FX8-140/140P11-SV1J(71)	280	Board	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection;

					mounting									Locating boss; Height:+1mm; Changed Finish	
GO	FX8	578-0107-7 71	FX8-140/140P11-SVJ(71)	280	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Changed Finish
GO	FX8	578-0007-2 71	FX8-140P-SV(71)	140	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0007-2 91	FX8-140P-SV(91)	140	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	10pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0007-2 92	FX8-140P-SV(92)	140	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0007-2 95	FX8-140P-SV(95)	140	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0047-7 71	FX8-140P-SV1(71)	140	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0047-7 91	FX8-140P-SV1(91)	140	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	10pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0047-7 92	FX8-140P-SV1(92)	140	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0047-7 93	FX8-140P-SV1(93)	140	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Suction tape for automatic PCB mounting; Specified

															packaging; Changed Finish
GO	FX8	578-0047-7 95	FX8-140P-SV1(95)	140	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0207-1 00	FX8-140S-SV	140	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0207-1 21	FX8-140S-SV(21)	140	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	10pcs. (1stick)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0207-1 22	FX8-140S-SV(22)	140	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0207-1 23	FX8-140S-SV(23)	140	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Suction tape for automatic PCB mounting; Specified packaging
GO	FX8	578-0207-1 33	FX8-140S-SV(33)	140	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Suction tape for automatic PCB mounting; Specified packaging; Changed Finish
GO	FX8	578-0009-8 71	FX8-40P-SV(71)	40	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0009-8 91	FX8-40P-SV(91)	40	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	28pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0009-8 92	FX8-40P-SV(92)	40	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0209-7 21	FX8-40S-SV(21)	40	Board	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	28pcs.	Socket; Straight; Locating boss;

					mounting									(1stick)	Specified packaging
GO	FX8	578-0209-7 22	FX8-40S-SV(22)	40	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0141-5 71	FX8-60/60P11-SV1J(71)	120	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0101-0 71	FX8-60/60P11-SVJ(71)	120	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Changed Finish
GO	FX8	578-0301-0 00	FX8-60/60S11-SVJ	120	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; 2-piece connection; Locating boss
GO	FX8	578-0001-6 71	FX8-60P-SV(71)	60	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0001-6 91	FX8-60P-SV(91)	60	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	21pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0001-6 92	FX8-60P-SV(92)	60	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0041-0 71	FX8-60P-SV1(71)	60	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0041-0 91	FX8-60P-SV1(91)	60	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	21pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0041-0 92	FX8-60P-SV1(92)	60	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Specified

															packaging; Changed Finish
GO	FX8	578-0201-5 00	FX8-60S-SV	60	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0201-5 21	FX8-60S-SV(21)	60	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	21pcs. (1magazine)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0201-5 22	FX8-60S-SV(22)	60	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0143-0 71	FX8-80/80P11-SV1J(71)	160	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0103-6 71	FX8-80/80P11-SVJ(71)	160	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Changed Finish
GO	FX8	578-0003-1 71	FX8-80P-SV(71)	80	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0003-1 91	FX8-80P-SV(91)	80	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	17pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0003-1 92	FX8-80P-SV(92)	80	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0043-6 71	FX8-80P-SV1(71)	80	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0043-6 91	FX8-80P-SV1(91)	80	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	17pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
															Header; Straight; Locating boss;

GO	FX8	578-0043-6 92	FX8-80P-SV1(92)	80	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1 reel (1000pcs.)	Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0203-0 00	FX8-80S-SV	80	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0203-0 21	FX8-80S-SV(21)	80	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	17pcs. (1magazine)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0203-0 22	FX8-80S-SV(22)	80	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1 reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging
GO	FX8	578-0144-3 71	FX8-90/90P11-SV1J(71)	180	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0104-9 71	FX8-90/90P11-SVJ(71)	180	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; 2-piece connection; Locating boss; Changed Finish
GO	FX8	578-0004-4 71	FX8-90P-SV(71)	90	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Changed Finish
GO	FX8	578-0004-4 91	FX8-90P-SV(91)	90	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	15pcs. (1stick)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0004-4 92	FX8-90P-SV(92)	90	Board mounting	Male	0.6	0.6	3.00	SMT	0.4	Gold	-55 to 85	1 reel (1000pcs.)	Header; Straight; Locating boss; Specified packaging; Changed Finish
GO	FX8	578-0044-9 71	FX8-90P-SV1(71)	90	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Header; Straight; Locating boss; Height:+1mm; Changed Finish
GO	FX8	578-0044-9 91	FX8-90P-SV1(91)	90	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	15pcs. (1stick)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish

GO	FX8	578-0044-9 92	FX8-90P-SV1(92)	90	Board mounting	Male	0.6	0.6	4.00	SMT	0.4	Gold	-55 to 85	1 reel (1000pcs.)	Header; Straight; Locating boss; Height:+1mm; Specified packaging; Changed Finish
GO	FX8	578-0204-3 00	FX8-90S-SV	90	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1pcs.	Socket; Straight; Locating boss
GO	FX8	578-0204-3 22	FX8-90S-SV(22)	90	Board mounting	Female	0.6	0.6	3.00,4.00	SMT	0.4	Gold	-55 to 85	1 reel (1000pcs.)	Socket; Straight; Locating boss; Specified packaging

1. All information, such as connector specifications, dimensions, etc, on the web site are reference only. Connector information can be changed without notice.

Please request the latest specification and DWG from HRS before you design in our products.

Please confirm the RoHS status using the RoHS Compliant Part Number Search on this web site.

2. Please check the availability of Non-RoHS compliant products before ordering. Non-RoHS compliant products may be discontinued.

***Product specifications on this website are subject to change without notice. Contact Hirose for latest specifications, drawings, or availabilities.**

*This page is best viewed using Internet Explorer 5.5 or higher.

Copyright (C) 1999-2008 HIROSE ELECTRIC CO., LTD.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[FX8-140P-SV1\(95\)](#)