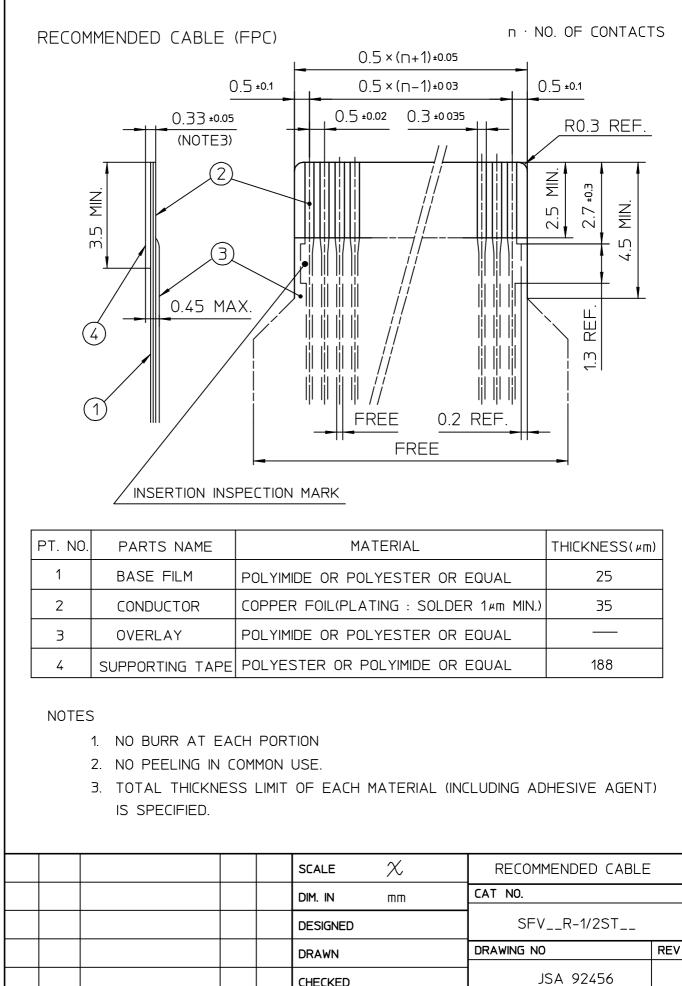
25-05359 SFV6R-1STE1LF n: NO. OF CONTACTS RECOMMENDED CABLE (FFC) 0.5 × (n+1)±0.07 0.5 ±0 07 0.5 ±0 07 0.5 × (n−1)±0.05 0.3 ±0.05 0.5 ±0.04 0.3 ±0.02 2 Σ N Σ N m $\mathbf{\hat{v}}$ 1 •||||||||| |i||i|| 3 KIND OF FFC (NOTE3) DIMENSIONAL TOLERANCE Ь D α \subset 1 ±0.07 ±0.05 ±0.02 ±0.04 2 ±0.1 ±0.025 ±0.03 ±0.03 NOTE PT. NO. PARTS NAME MATERIAL FLAME RESISTING POLYESTER 1 INSULATOR OR EQUAL COPPER FOIL: THICKNESS PLATING: TIN OR SOLDER 2 CONDUCTOR 35 OR 50 µm 1µm MIN. FLAME RESISTING POLYESTER З SUPPORTING TAPE OR EQUAL

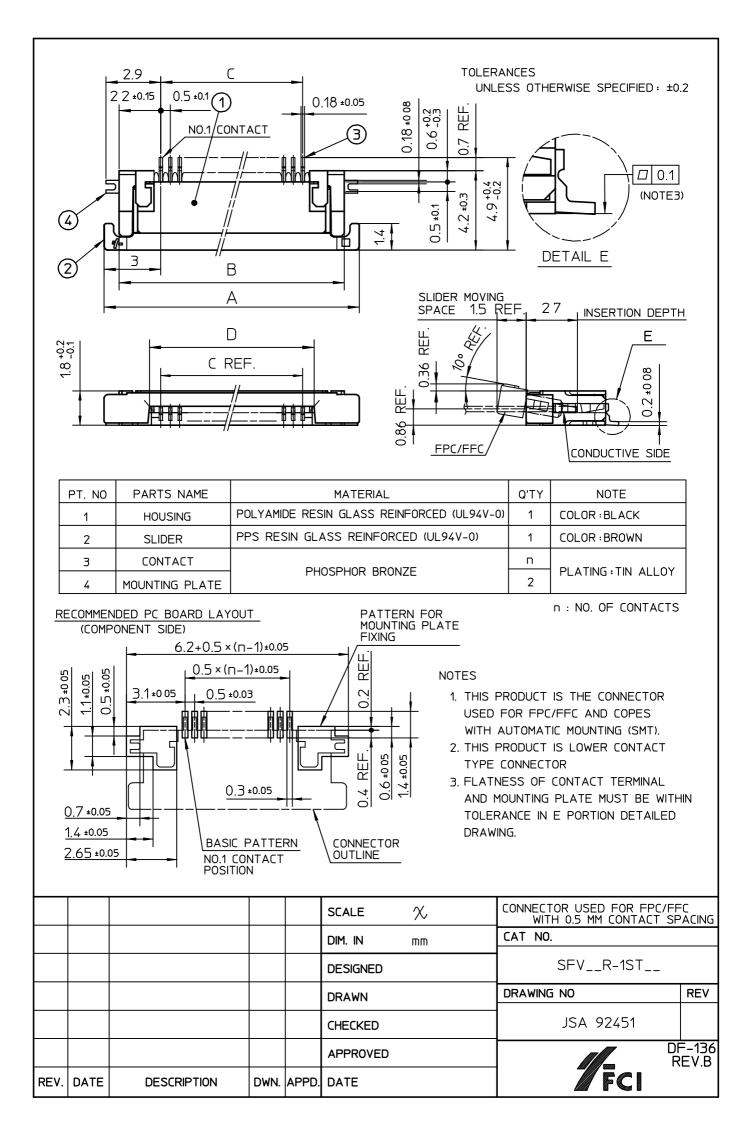
- 1. NO BURR AT EACH PORTION.
- 2. NO PEELING IN COMMON USE.
- 3. EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a,b,c AND d.

					scale \propto	RECOMMENDED CABLE	
					DIM. IN mm	CAT NO.	
					DESIGNED	SFV_R-1/2ST	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92457	
					APPROVED		=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	F CI	



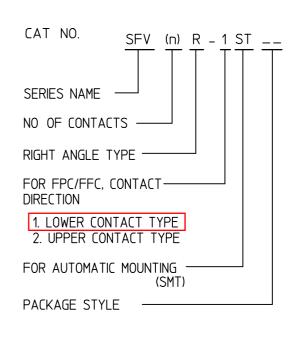
					APPROVED	
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	

DF-136 REV.B



CAT. NO. & DIMENSIONS

NO OF CONTACTS	CAT. NO.		MENSIO	NS (NC	DTE2)
(n)	CAT. NO.	A ± 0.2	B ± 02	(±01	D ± 01
4	SFV4R-1/2ST	7.5	5.9	1.5	2.7
5	SFV5R-1/2ST	80	6.4	2.0	3.2
6	SFV6R-1/2ST	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST	90	7.4	3.0	4.2
8	SFV8R-1/2ST	95	7.9	3.5	4.7
9	SFV9R-1/2ST	10 0	8.4	4.0	5.2
10	SFV10R-1/2ST	10 5	8.9	4.5	5.7
11	SFV11R-1/2ST	11.0	9.4	5.0	6.2
12	SFV12R-1/2ST	11.5	9.9	5.5	6.7
13	SFV13R-1/2ST	12.0	10.4	6.0	7.2
14	SFV14R-1/2ST	12.5	10.9	6.5	7.7
15	SFV15R-1/2ST	13.0	11.4	7.0	8.2
16	SFV16R-1/2ST	13.5	11.9	7.5	8.7
17	SFV17R-1/2ST	14.0	12.4	8.0	9.2
18	SFV18R-1/2ST	14.5	12.9	8.5	9.7
19	SFV19R-1/2ST	15.0	13.4	9.0	10.2
20	SFV20R-1/2ST	15.5	13.9	9.5	10.7
21	SFV21R-1/2ST	16.0	14.4	10.0	11.2
22	SFV22R-1/2ST	165	14.9	10.5	11.7
23	SFV23R-1/2ST	17 0	15.4	11.0	12.2
24	SFV24R-1/2ST	175	15.9	11.5	12.7
25	SFV25R-1/2ST	18 0	16.4	12.0	13.2
26	SFV26R-1/2ST	18 5	16.9	12.5	13.7
27	SFV27R-1/2ST	190	17.4	13.0	14.2
28	SFV28R-1/2ST	195	17.9	13.5	14.7
29	SFV29R-1/2ST	20.0	18.4	14.0	15.2
30	SFV30R-1/2ST	20.5	18.9	14.5	15.7
31	SFV31R-1/2ST	21.0	19.4	15.0	16.2
32	SFV32R-1/2ST	21.5	19.9	15.5	16.7
33	SFV33R-1/2ST	22.0	20.4	16.0	17.2
34	SFV34R-1/2ST	22.5	20.9	16.5	17.7
35	SFV35R-1/2ST	23.0	21.4	17.0	18.2



- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	
					APPROVED		=-136 EV.B
					CHECKED	JSA 92450	
					DRAWN	DRAWING NO	REV
					DESIGNED	SFVR-1/2ST	
					DIM. IN mm	CAT NO.	
					scale χ	CAT NO. TABLE FOR 05 m CONTACT SPACING CONNEC	

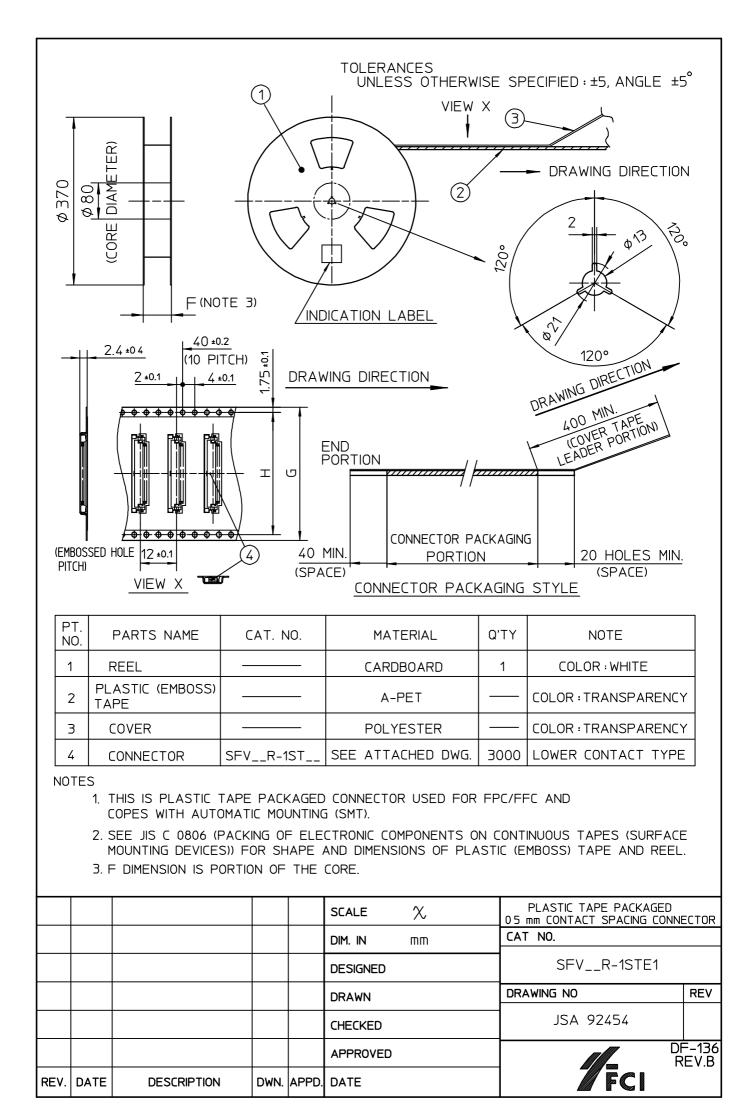
CAT. NO. & DIMENSIONS

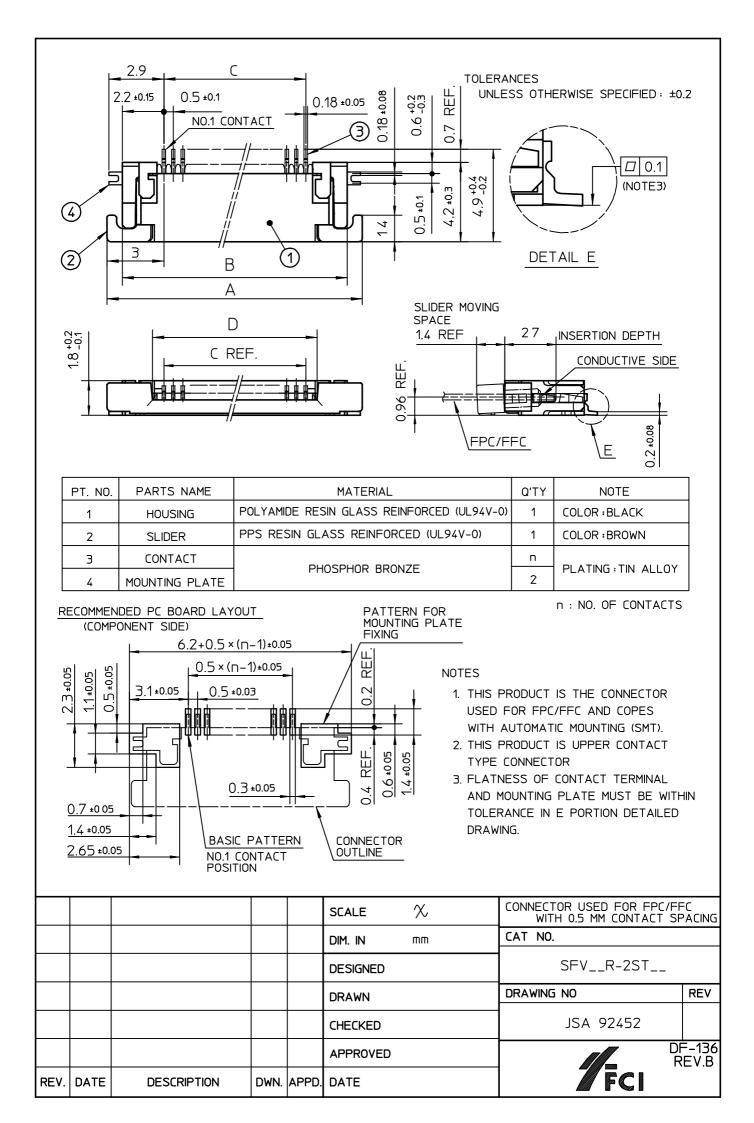
NO. OF		DIMEN	SIONS (NO	DTE3)
CONTACTS	CAT. NO.	F ± 5	G ± 0.3	H ± 0.1
4	SFV4R-1/2STE1	20.4	16	
5	SFV5R-1/2STE1	20.4	16	—
6	SFV6R-1/2STE1	20 4	16	
7	SFV7R-1/2STE1	28 4	24	
8	SFV8R-1/2STE1	28.4	24	
9	SFV9R-1/2STE1	28.4	24	—
10	SFV10R-1/2STE1	28.4	24	—
11	SFV11R-1/2STE1	28.4	24	—
12	SFV12R-1/2STE1	28.4	24	
13	SFV13R-1/2STE1	28 4	24	
14	SFV14R-1/2STE1	28.4	24	_
15	SFV15R-1/2STE1	28.4	24	
16	SFV16R-1/2STE1	28.4	24	
17	SFV17R-1/2STE1	28.4	24	
18	SFV18R-1/2STE1	28.4	24	
19	SFV19R-1/2STE1	28.4	24	
20	SFV20R-1/2STE1	28.4	24	
21	SFV21R-1/2STE1	28.4	24	
22	SFV22R-1/2STE1	28.4	24	
23	SFV23R-1/2STE1	36.4	32	28.4
24	SFV24R-1/2STE1	36.4	32	28.4
25	SFV25R-1/2STE1	36.4	32	28.4
26	SFV26R-1/2STE1	36.4	32	28.4
27	SFV27R-1/2STE1	36.4	32	28.4
28	SFV28R-1/2STE1	36.4	32	28.4
29	SFV29R-1/2STE1	36.4	32	28.4
30	SFV30R-1/2STE1	36 4	32	28.4
31	SFV31R-1/2STE1	48 4	44	40.4
32	SFV32R-1/2STE1	48 4	44	40.4
33	SFV33R-1/2STE1	48 4	44	40.4
34	SFV34R-1/2STE1	48 4	44	40.4
35	SFV35R-1/2STE1	48 4	44	40.4

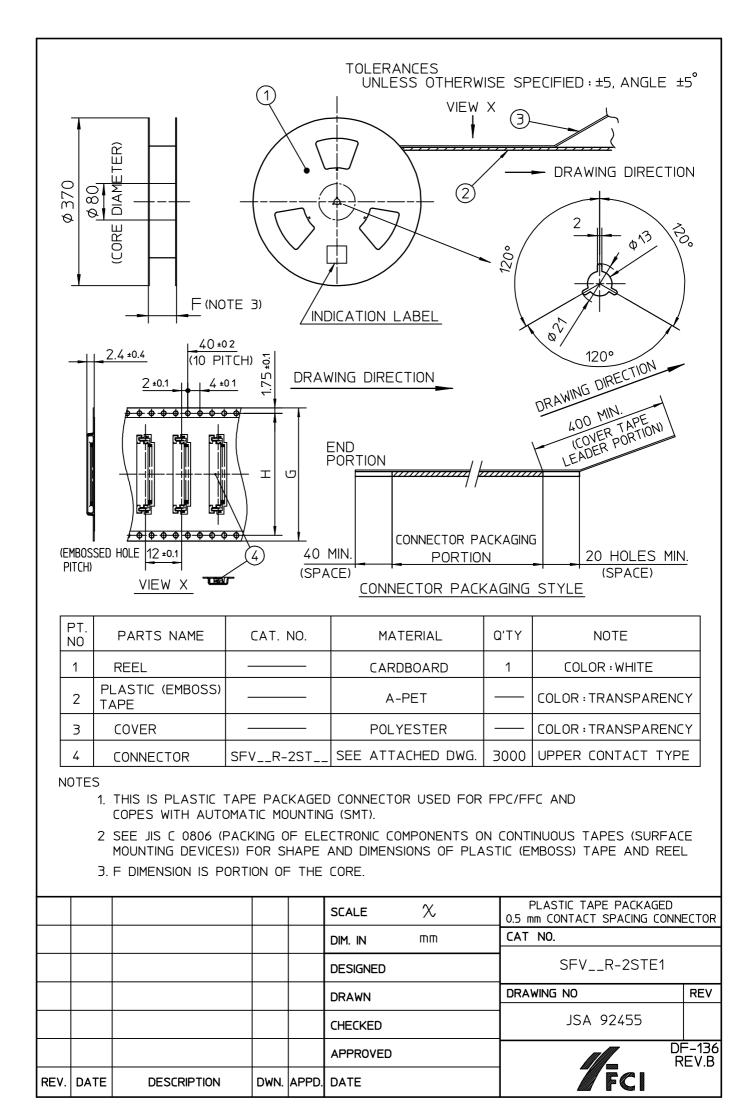
CAT. NO. SFV	$\frac{1}{2}$ (n) R - 1 ST E1
SERIES NAME	
NO. OF CONTACTS $-$	
RIGHT ANGLE TYPE -	
FOR FPC/FFC, CONTAG DIRECTION 1. LOWER CONTACT 2 UPPER CONTACT	TYPE
FOR AUTOMATIC MOUN	ITING (SMT)
TAPE PACKAGING —	

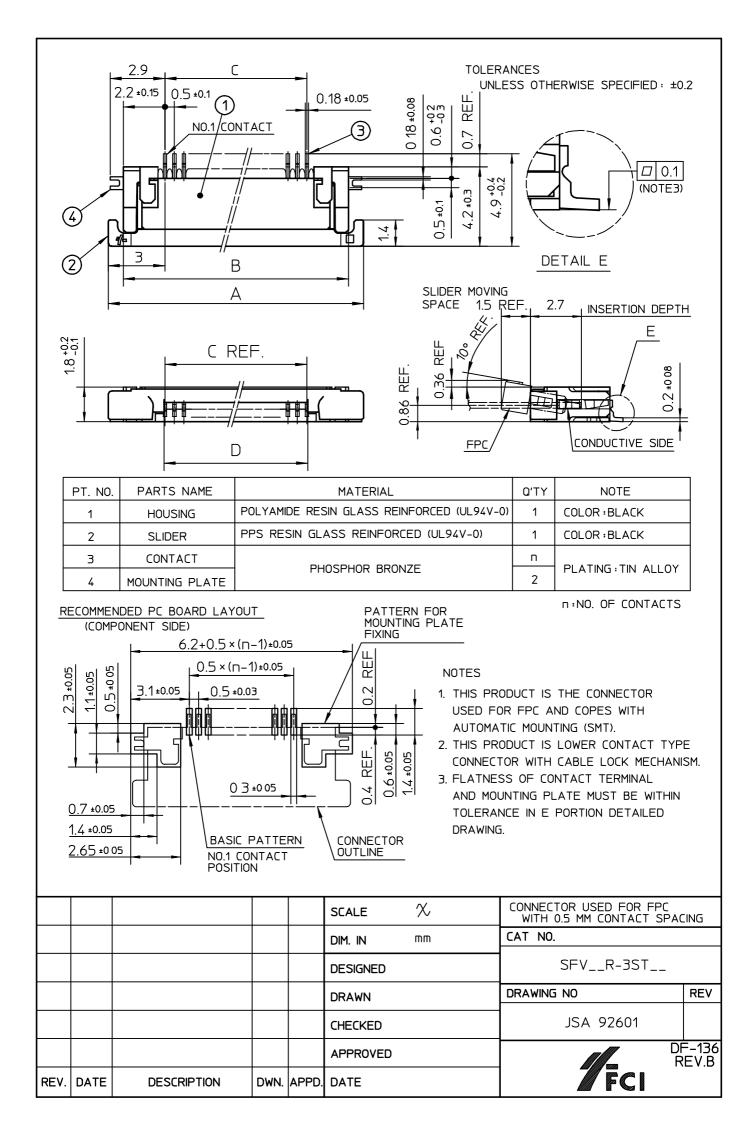
- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- 3. SEE PART DRAWINGS FOR DIMENSIONS F~H.

					scale $lpha$	CAT NO TABLE FOR PLASTIC TAPE PA 0.5 mm CONTACT SPACING CONNECTOR	CKAGED
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-1/2STE1	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92453	
					APPROVED		=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	









CAT. NO. & DIMENSIONS

NO OF			MENSIO	NS (NO	DTE2)			
CONTACTS (n)	CAT NO	A ± 0.2	B ± 0.2	(± 0.1	D ± 0.1			
4	SFV 4 R-3/4ST	7.5	5.9	1.5	1.6	CAT. NO.		
5	SFV 5 R-3/4ST	8.0	6.4	2.0	2.1		SFV (n) R - 3 ST	_
6	SFV 6 R-3/4ST	8.5	6.9	2.5	2.6			
7	SFV 7 R-3/4ST	9.0	7.4	3.0	3.1			
8	SFV 8 R-3/4ST	9.5	7.9	3.5	3.6	SERIES NAME		
9	SFV 9R-3/4ST	10.0	8.4	4.0	4.1	NO. OF CONT	ACTS	
10	SFV10R-3/4ST	10.5	8.9	4.5	4.6			
11	SFV11 R-3/4ST	11.0	9.4	5.0	5.1	RIGHT ANGLE		
12	SFV12R-3/4ST	11.5	9.9	5.5	5.6	FOR FPC.		
13	SFV13R-3/4ST	12.0	10.4	6.0	6.1	WITH CABLE I	_OCK MECHANISM	
14	SFV14R-3/4ST	12.5	10.9	6.5	6.6	CONTACT DIRI	ECTION	
15	SFV15R-3/4ST	13.0	11.4	7.0	7.1	3: LOWER C	ONTACT TYPE	
16	SFV16R-3/4ST	135	11.9	7.5	7.6		ONTACT TYPE	
17	SFV17R-3/4ST	14 0	12.4	8.0	81			
18	SFV18R-3/4ST	14 5	12.9	8.5	8.6	FOR AUTOMA	(SMT)	
19	SFV19R-3/4ST	150	13.4	9.0	91	PACKAGE ST		
20	SFV20R-3/4ST	155	13.9	9.5	9.6			
21	SFV21R-3/4ST	16 0	14.4	10.0	10 1			
22	SFV22R-3/4ST	16.5	14.9	10.5	10.6			
23	SFV23R-3/4ST	17.0	15.4	11.0	11.1			
24	SFV24R-3/4ST	17.5	15.9	11.5	11.6			
25	SFV25R-3/4ST	18.0	16.4	12.0	12.1			
26	SFV26R-3/4ST	18.5	16.9	12.5	12.6			
27	SFV27R-3/4ST	19.0	17.4	13.0	13.1			
28	SFV28R-3/4ST	19.5	17.9	13.5	13.6			
29	SFV29R-3/4ST	20.0	18.4	14.0	14.1			
30	SFV30R-3/4ST	20.5	18.9	14.5	14.6	NOTES		
31	SFV31R-3/4ST	21.0	19.4	15.0	15.1		DUCT IS THE CONNECTOR	۔
32	SFV32R-3/4ST	21.5	19.9	15.5	15.6		R FPC AND COPES WITH	7
33	SFV33R-3/4ST	22.0	20.4	16.0	16.1		IC MOUNTING (SMT).	
34	SFV34R-3/4ST	22.5	20.9	16.5	16.6			
35	SFV35R-3/4ST	23.0	21.4	17.0	17.1] 2. SEE PAR	T DRAWINGS FOR	
							DUCT IS THE CONNECTOR BLE LOCK MECHANISM.	٦
				SCALI	E	\sim	CAT. NO. TABLE FOR 0.5 m CONTACT SPACING CONNEC	
				DIM. II	N	ШШ	CAT NO.	
				DESIG	INED		SFVR-3/4ST	
				DRAW	'N		DRAWING NO	RE
				СНЕСІ	<ed< td=""><td></td><td>JSA 92600</td><td></td></ed<>		JSA 92600	
				APPR	OVED		F F	F-13 REV.I
ATE	DESCRIPTION	DWA	. APPD.	DATE			FCI	، ۲ . L

REV. DATE

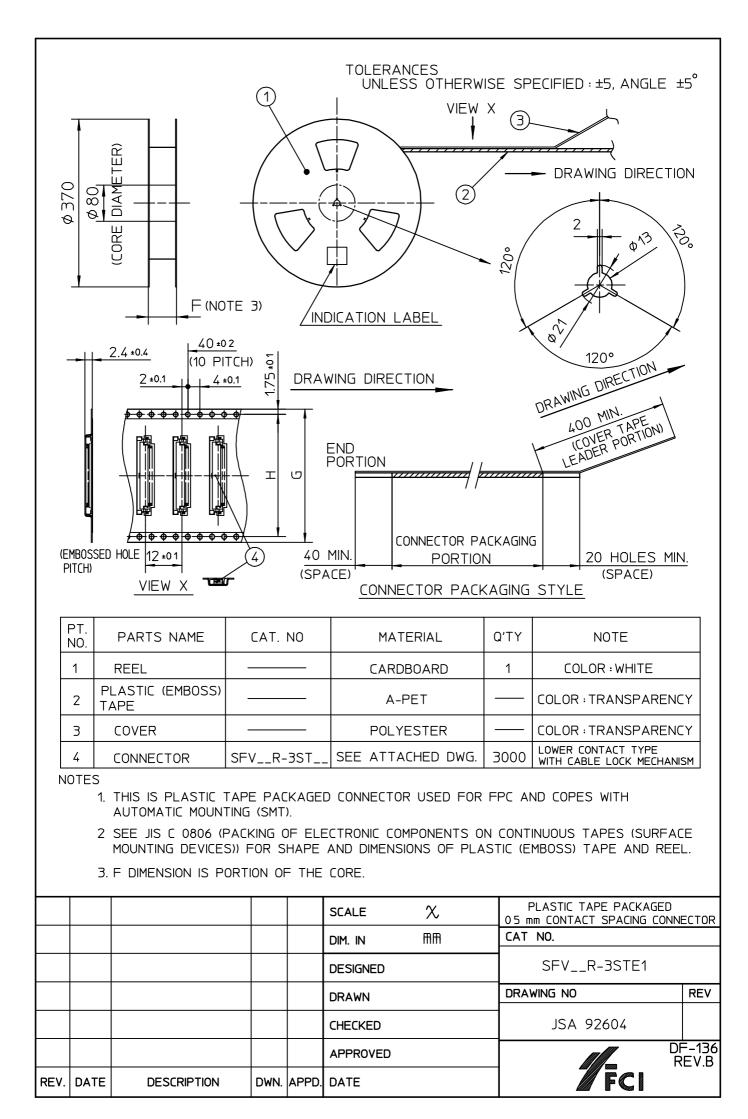
CAT. NO. & DIMENSIONS

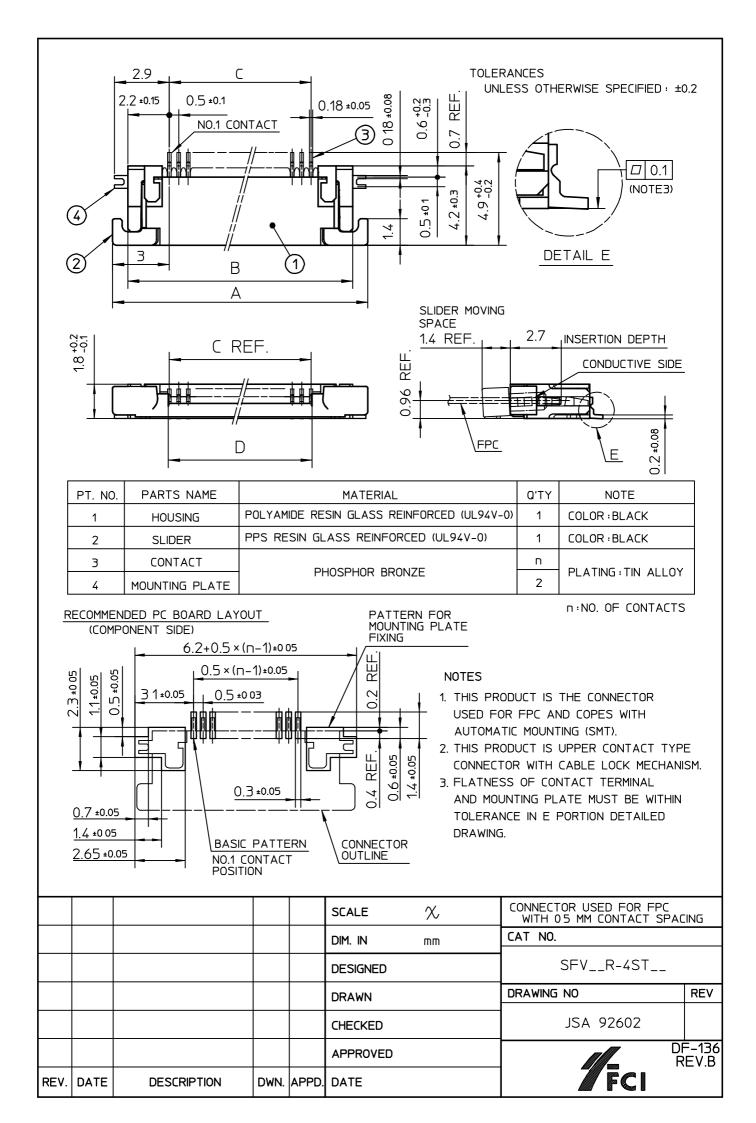
NO. OF			SIONS (NO	
CONTACTS (n)	CAT. NO.	F ± 5	G ± 03	H ± 01
4	SFV 4R-3/4STE1	204	16	
5	SFV 5R-3/4STE1	204	16	
6	SFV 6R-3/4STE1	20 4	16	
7	SFV 7R-3/4STE1	28 4	24	
8	SFV 8R-3/4STE1	28 4	24	
9	SFV 9R-3/4STE1	28 4	24	
10	SFV10R-3/4STE1	28.4	24	
11	SFV11 R-3/4STE1	28.4	24	
12	SFV12R-3/4STE1	28.4	24	
13	SFV13R-3/4STE1	28.4	24	
14	SFV14R-3/4STE1	28.4	24	
15	SFV15R-3/4STE1	28.4	24	
16	SFV16R-3/4STE1	28.4	24	
17	SFV17R-3/4STE1	28.4	24	
18	SFV18R-3/4STE1	28.4	24	
19	SFV19R-3/4STE1	28.4	24	
20	SFV20R-3/4STE1	28.4	24	
21	SFV21R-3/4STE1	28.4	24	
22	SFV22R-3/4STE1	28.4	24	
23	SFV23R-3/4STE1	36.4	32	28.4
24	SFV24R-3/4STE1	36.4	32	28.4
25	SFV25R-3/4STE1	36.4	32	28.4
26	SFV26R-3/4STE1	36 4	32	28.4
27	SFV27R-3/4STE1	36 4	32	28.4
28	SFV28R-3/4STE1	36.4	32	28.4
29	SFV29R-3/4STE1	36 4	32	28.4
30	SFV30R-3/4STE1	36 4	32	28.4
31	SFV31R-3/4STE1	48 4	44	40.4
32	SFV32R-3/4STE1	48 4	44	40.4
33	SFV33R-3/4STE1	48 4	44	40.4
34	SFV34R-3/4STE1	48.4	44	40.4
35	SFV35R-3/4STE1	48.4	44	40.4

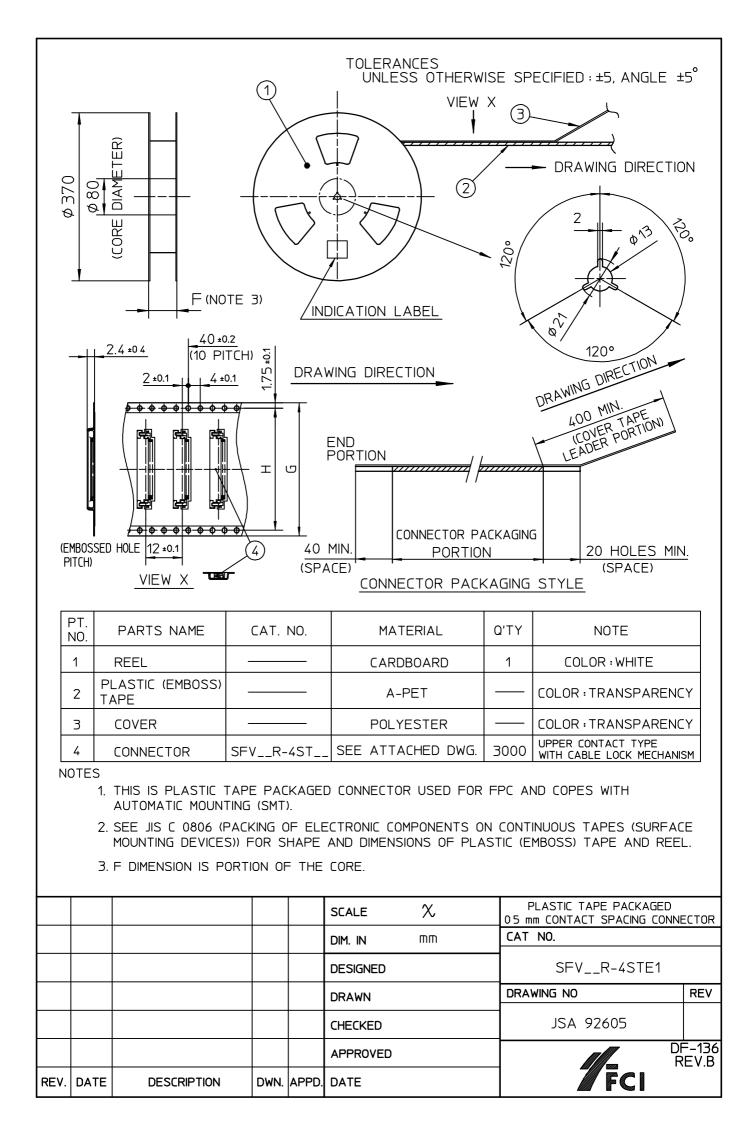
CAT. NO. SERIES NAME NO OF CONTACTS RIGHT ANGLE TYPE FOR FPC, WITH CABLE LOCK MECHANISM CONTACT DIRECTION 3: LOWER CONTACT TYPE 4: UPPER CONTACT TYPE FOR AUTOMATIC MOUNTING (SMT) PACKAGE STYLE

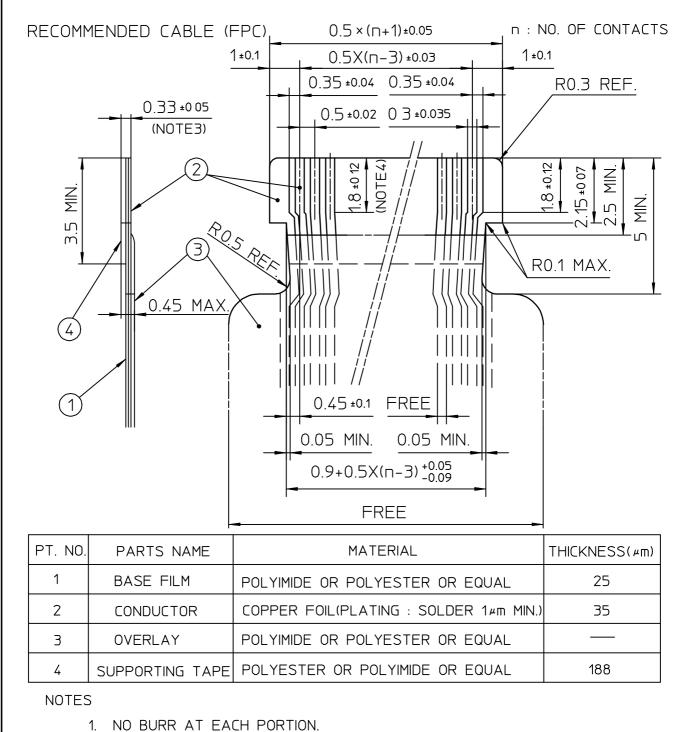
- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED
- 3. SEE PART DRAWINGS FOR DIMENSIONS F-H.
- 4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

					scale $lpha$	CAT. NO. TABLE FOR PLASTIC TAPE PA 0.5 mm CONTACT SPACING CONNECTOR	CKAGED
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-3/4STE1	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92603	
					APPROVED		=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		









- 2. NO PEELING IN COMMON USE.
- 3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
- 4. THIS DIMENSION INDICATES THE RANGE FOR 0.3 ±0 035 CONDUCTOR WIDTH.

					scale χ	RECOMMENDED CABLE
					DIM. IN mm	CAT NO.
					DESIGNED	SFVR-3/4ST
					DRAWN	DRAWING NO REV
					CHECKED	JSA 92606
					APPROVED	DF-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	

SPECIFICATION FOR CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING COPING WITH AUTOMATIC MOUNTING & SMT SFV__R-1/2ST_E_LF

1. SCOPE

This specification covers the requirements for the connector (SFV__R-1/2ST_E_LF) with 0.5mm spacing to which the edge of FPC(Flexible Printed Circuit) and FFC(Flexible Flat Cable) can be connected by Zero-Insertion-Force method and which copes with automatic mounting and SMT.

2. APPLICABLE STANDARDS

JIS C 5402	Method for Test of Connectors for Electronic Equipment
JIS C 0806	Packing of Electronic Components on Continuous Tapes (Surface Mount Components)
UL – 94	TESTS FOR FLAMMABILITY OF PLASTIC MATERIALS FOR PARTS IN DEVICES AND APPLIANCES.

3. CATALOG No. STRUCTURE

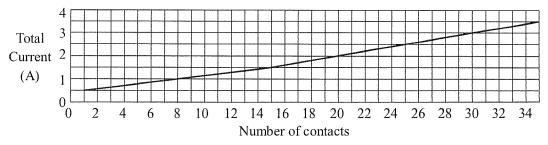
	SFV	20	R	-	1	ST	E1	LF
Series			T				T T	
Number of Contacts								
Right Angle								
For FPC/FFC, Contact direction]			
1 : Lower contact type								
2 : Upper contact type								
Cope with automatic mounting & SMT]		
Plating Variation								
Blank : Tin plating								
Z : Thin Tin plating								
Plastic Tape Packaging			~~~~					
Lead Free								

- 4. CONNECTOR SHAPE, DIMENSIONS AND MATERIALS See attached drawings.
- 5. ACCOMMODATED CONDUCTORS (FPC/FFC) See attached drawings.
- 6. PACKAGING CONDITION See attached drawings.
- 7. RECOMMENDED MOUNTING PATTERN DIMENSIONS See attached drawings.
- 8. RATING

8-1. Voltage : A.C.50V D.C.50V

- 8-2. Current : A.C.0.5A D.C.0.5A (Refer to the following note.)
- 8-3. Operating Temperature : -55°C ~ +85°C (Including terminal temperature rises) <u>NOTE</u>

Allowable maximum current for one contact is 0.5A. Total allowable current for a whole connector is the value which is shown in the following figure.



9. PERFORMANCE CHARACTERISTICS

9-1. Electrical Performance

No.	Test Item	Test Method	Requirements
9-1-1	Contact resistance	 1)Measure contact resistance between V₁-V₂ by voltage drop method by the following circuit by mating accommodated conductor specified in clause 5 after reflow soldering the connector on the P.CB. Connector portion V1 V2 Pattern V2 Pattern Conductor P.C.B 2)Open circuit voltage : Less than A.C.20mV 3)Test current : Less than A.C.20mA 	 I)Initial value Less than 30mΩ 2)Contact resistance after the test is in accordance with the value specified in each test item.
9-1-2	Insulation resistance	 Measure insulation resistance between adjacent contacts in a connector individual. Test voltage : D.C.500V Read value one minute after applying test voltage. 	1)More than 100MΩ
9-1-3	Dielectric withstanding voltage	 For one minute, apply A.C.200V between adjacent contacts in a connector individual. Set current : A.C.1mA 	1)Free from any short circuit and insulation breakdown.

9-2. Mechanical Performance

No.	Test Item	Test Method	Requirements		
9-2-1	Durability (Slider operation)	 Measure contact resistance before and after the test by the method in clause 9-1-1 by mating the accommodated conductor specified in clause 5. Number of slider open and close : 20 times (Insert and extract the conductor for each opening of the slider) 	 I)Initial contact resistance : Less than 30mΩ 2)Contact resistance after the test : Less than 50mΩ 3)Free from any defect such as break etc. on the connector 		
9-2-2	Vibration (Sinusoidal)	opening of the slider.) JIS C 60068-2-6 (IEC60068-2-6) 1)Frequency range : 10 ~ 500Hz 2)Amplitude : 0.75mm or Acceleration : 100m/s ² 3)Sweep rate : 1 octave/minute 4)Kind of test : Sweep endurance test 5)Test time : 10 cycles	 and conductor. 1)During the test, no circuit opening for more than 1µs. 2)Free from any defect such as break, deformation, loosing and falling off etc. on each portion of the connector. 		

9-3. Environmental Performance

No.	Test Item	Test Method	Requirements		
9-3-1	Damp heat (Steady state)	 JIS C 60068-2-78 (IEC60068-2-78) 1)Measure contact resistance before and after the test by the method in clause 9-1-1 by using the accommodated conductor specified in clause 5. 2)Measure insulation resistance after the test by the method in clause 9-1-2. 3)Bath temperature : 40°C 4)Bath humidity : 90 ~ 95%(relative humidity) 5)Period of exposure : 48 hours 6)Expose conductor and connector in mated condition and leave them under normal temperature.(Without insertion and separation) 	 1) Initial contact resistance Less than 30mΩ 2) Contact resistance after the test : Less than 50mΩ 3) Insulation resistance after the test : More than 100MΩ 		
9-3-2	Salt spray	 JIS C 60068-2-11 (IEC60068-2-11) 1)Measure contact resistance before and after the test according to the method in clause 9-1-1 by using accommodated conductor specified in clause 5. 2)Salt solution concentration : 5% 3)Period of exposure : 48 hours 4)Expose conductor and connector in mated condition and leave them under normal temperature after posttreatment. (24 hours) 	 Initial contact resistance : Less than 30mΩ Contact resistance after the test : Less than 50mΩ 		
9-3-3	Change of temperature	 JIS C 0025 (IEC60068-2-14) 1)Measure contact resistance before and after the test according to the method in clause 9-1-1 by using accommodated conductor specified in clause 5. 2)One cycle of temperature is as follow and test 5 cycles. Step Temp.(°C) Time(min.) 1 -55±3 30 2 25±2 2 ~ 3 3 85±2 30 4 25±2 2 ~ 3 3)Expose conductor and connector in mated condition and leave them under normal temperature. 	 1) Initial contact resistance Less than 30mΩ 2) Contact resistance after the test : Less than 50mΩ 3) Free from any defect such as crack, warping and deformation etc. on each portion the connector. 		

9-4. O	ther performance		SC-SFV 03 C 4/5			
No.	Test Item	Test Method	Requirements			
9-4-1	Soldering (Resistance to	 JIS C 60068-2-58 (IEC60068-2-58) 1)Solder by setting reflow bath on the following condition. 2)Preheating: 150~180°C, 120±5 s 3)Soldering :220°C min. 60s max. 4)Peak :245°C min. 20s max. (Peak 255°C max.) NOTE: Temperature must be measured at contact terminal portion and peak temperature on the upper surface of P.C.B must be less than 260°C. 4)Solder paste to be used is JIS Z 3282 Sn96.5Ag3.0Cu0.5 	 Contact resistance after the test : Less than 50mΩ Insulation resistance after the test : More than 100MΩ No short circuit and insulation breakdown for dielectric withstanding voltage test after this test. Free from any damage on performance and contact performance after soldering. 			
reflow soldering)		Diagram A C Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° Peak 255° TIME Resistance to reflow soldering profile				
9-4-2	Soldering (Solderability) (Reflow)	JIS C 60068-2-58 (IEC60068-2-58) 1)Solder by setting reflow bath on the following condition. 2)Preheating: 150~180°C, 60~120s 3)Soldering : 225°C min., 20±5s (Peak 235°C max.) NOTE: Temperature must be measured at contact terminal portion and peak temperature on the upper surface of P.C.B must be less than 260°C. 4)Solder paste to be used is JIS Z 3282 Sn96.5Ag3.0Cu0.5 Diagram B	1)Actual soldered area must be more than 90% of the dipped area intended to be soldered.			
		Peo 225 180 4 150 4 150	20±55 TIME			
9-4-3	Conductor retention force (Reference)	 1)Measure initial retention force after inserted and locked by using accommodated conductor specified in clause 5. *FC1 Test FPC : t=0.33mm Tin plating 	 More than 0.59N/contact for FPC (More than 60gf/contact for FPC) More than 0.39N/contact for FFC (More than 40gf/contact for FFC) 			

10. INDICATION AND PACKAGING

10-1. Indication

- 1) Catalog number and lot number are not be indicated on the connector.
- 2) Catalog number and quantity shall be indicated on the surface of the package box.

10-2. Packaging

 The connector individuals are packed by tapes with specified quantity in accordance with [JIS C 0806 "Packaging of Electronic Components on Continuous Tapes (Surface Mount components)"] and put into package box in accordance with FCI JAPAN packaging specification.

11. REMARKS

- 11-1. Please refer to the "Handing procedures and remarks" before use.
- 11-2. Retention force for accommodated conductor specified in clause 9-4-3 differs due to different thickness, structure and surface treatment of conductor. Therefore, the value of retention force specified in the clause for performance is reference value.
- 11-3. Since this connector can not be used for CIC (Conductor such as silver paste, carbon etc.) as accommodated conductor, please consult us separately.

12. RECOMMENDED REFLOW PROFILE

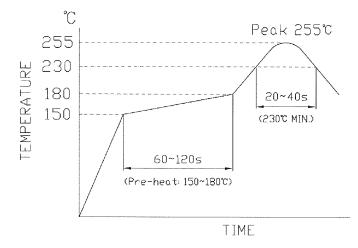


Diagram C. Recommended reflow temperature profile

Note: Please check the reflow soldering condition for your own application beforehand due to different conditions with soldering devices, P.C. Boards, etc. No moisture treatment before reflow process.