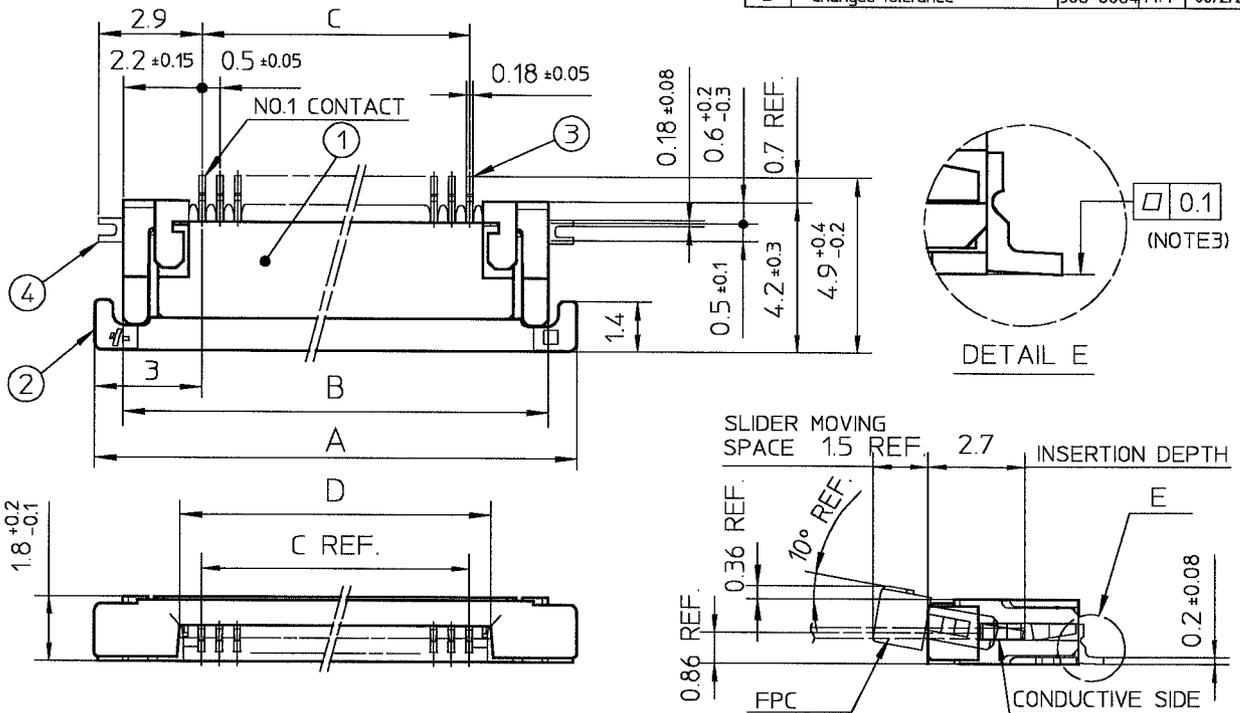


TOLERANCES
UNLESS OTHERWISE SPECIFIED: ± 0.2

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0186	H.T	'04/8/9
B	Changed Cat. No.	J04-0454	H.T	'05/2/7
C	Added the heat resistance	J05-0710	H.T	'05/10/21
D	Changed tolerance	J06-0064	H.T	'06/2/23

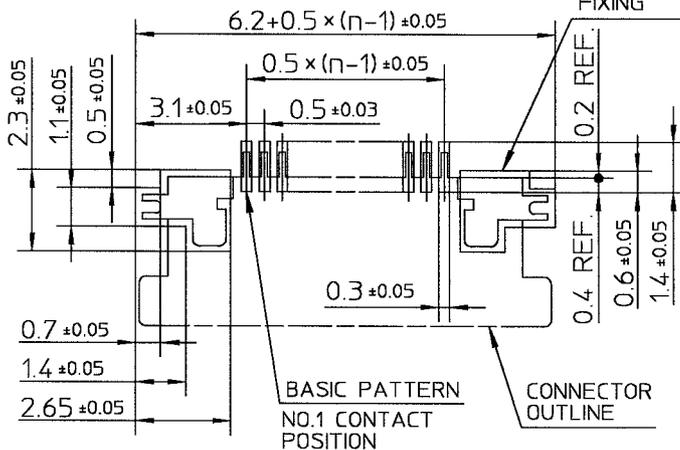


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : LEAD FREE

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR
MOUNTING PLATE
FIXING

n : NO. OF CONTACTS



NOTES

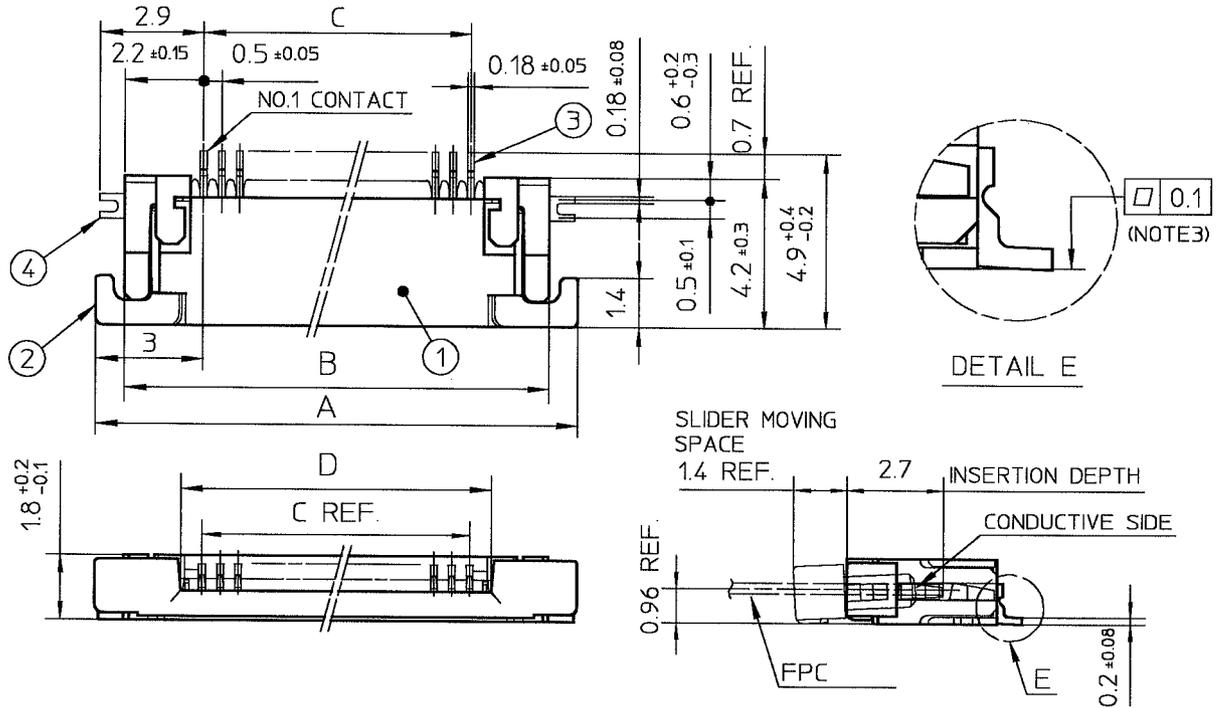
- THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
- FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

SHEET INDEX	ISSUE	D					TITLE	PRODUCT FAMILY		CODE	
	SH NO.	1						58EF	JP		
TOLERANCES UNLESS OTHERWISE SPECIFIED		DR	DATE		CUSTOMER COPY	CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat No. : SFV__R-1STB__LF)					
± 0.3		ENGR	2/23/06								
LINEAR		CHK	2/23/06		THIRD ANGLE PROJ	PRODUCT FAMILY 58EF					
± 0.3		APPD	2/23/06		UNIT						MM
ANGLES		$\pm 2^\circ$		UNIT		MM	SCALE	SIZE	DWG. NO.	REV	SHEET
DO NOT SCALE PRINT		THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.				X		A	JSA 96014	D	10F1
DF-140A REV A											

SC-SFV06 JSA96013

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.2

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0186	H.T	'04/8/9
B	Changed Cat. No.	J04-0454	H.T	'05/2/7
C	Added the heat resistance	J05-0710	H.T	'05/10/21
D	Changed tolerance	J06-0064	H.T	'06/2/23

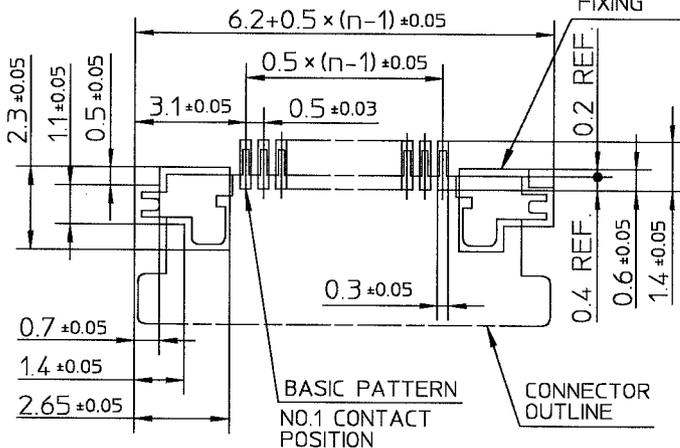


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : LEAD FREE

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR MOUNTING PLATE
FIXING

n : NO. OF CONTACTS



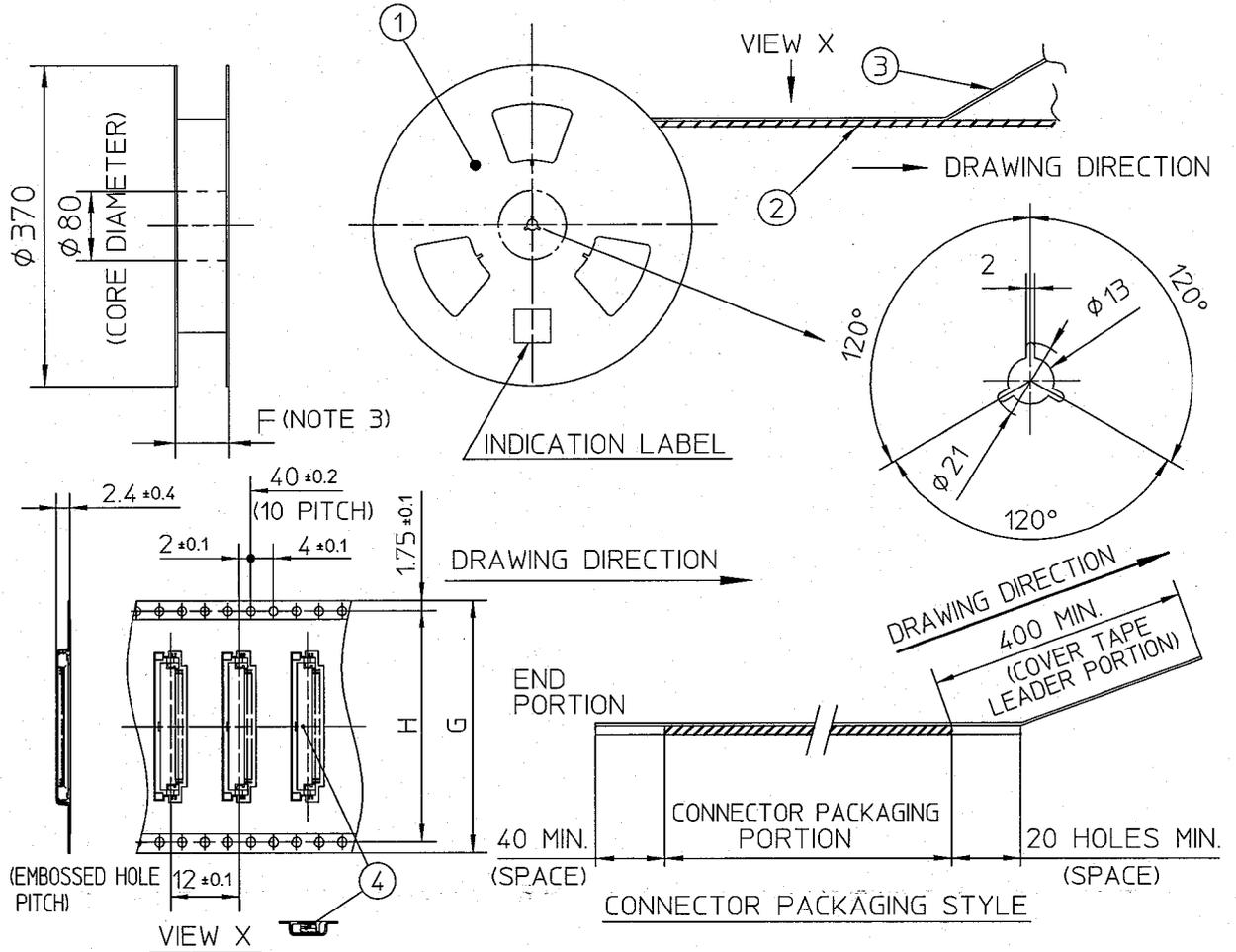
- NOTES
- THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
 - THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
 - FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

SHEET INDEX	ISSUE	D									
	SH NO.		1								
TOLERANCES UNLESS OTHERWISE SPECIFIED			DR	<i>H. Takahashi</i>	DATE	2/23/06	CUSTOMER COPY		<p>TITLE CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-2STB__LF)</p> <p>PRODUCT FAMILY 58EF</p> <p>CODE JP</p>		
LINEAR			ENGR	<i>H. Takahashi</i>	DATE	2/23/06	THIRD ANGLE PROJ				
ANGLES			CHK	<i>N. Watanabe</i>	DATE	2/23/06	UNIT				
			APPD	<i>S. Ueda</i>	DATE	2/23/06	MM INCH				
DO NOT SCALE PRINT			THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.				SCALE	SIZE	DWG. NO.	REV	SHEET
DF-140A REV A							∞	A	JSA 96015	D	10F1

SC-SFV06 JSA96013

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0186	H.T	'04/8/9
B	Changed Cat. No.	J04-0454	H.T	'05/2/7



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-1STB_LF	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

NOTES

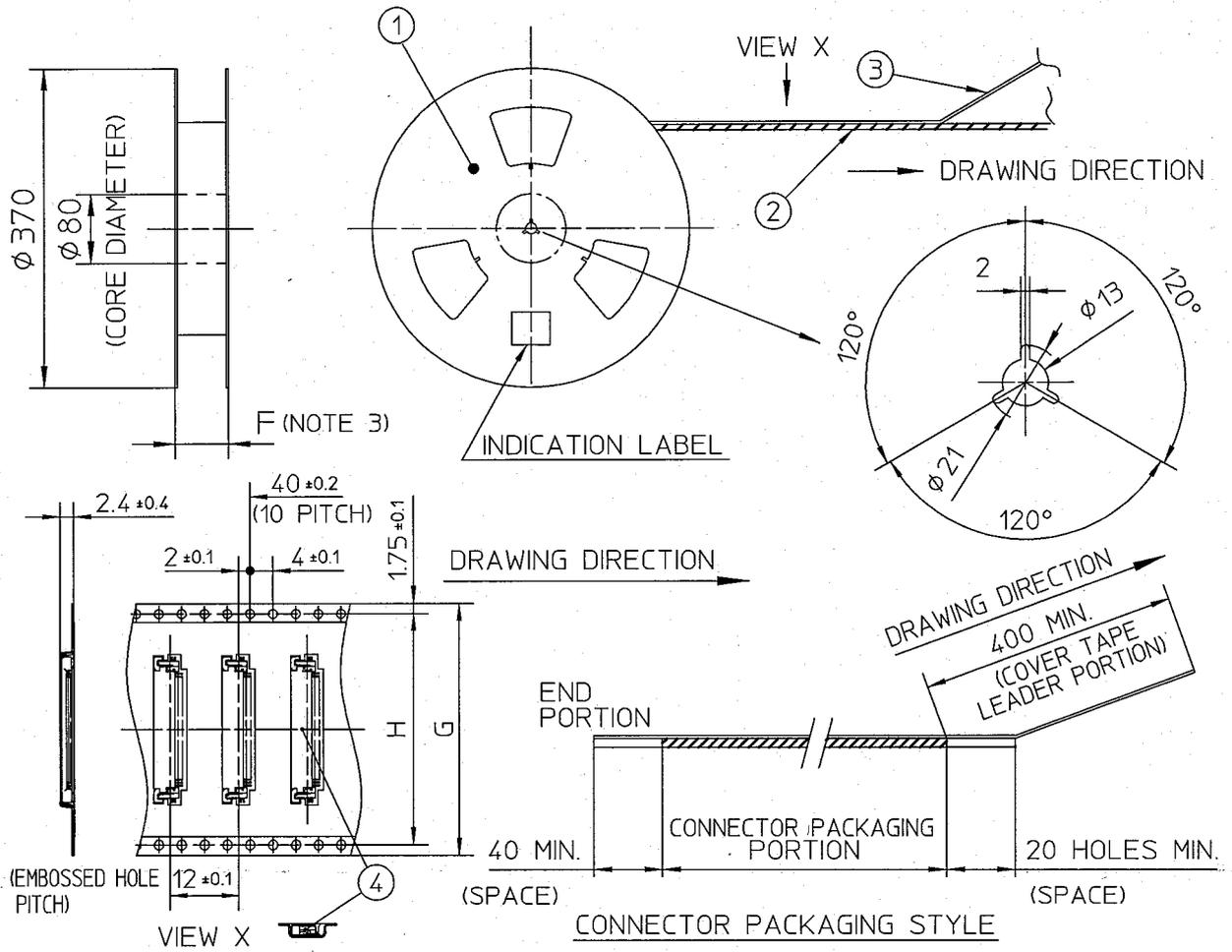
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

SHEET INDEX	ISSUE	B									
	SH NO.	1									
TOLERANCES UNLESS OTHERWISE SPECIFIED	DR	<i>H. Takahashi</i>		DATE	2/7/05		CUSTOMER COPY	TITLE PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1STBE1LF)			
	ENGR	<i>H. Takahashi</i>		DATE	2/7/05						
LINEAR	CHK	<i>M. Hasegawa</i>		DATE	2/9/05		THIRD ANGLE PROJ	PRODUCT FAMILY 58GF			
	APPD	<i>M. Hasegawa</i>		DATE	2/9/05						
ANGLES							UNIT	MM	CODE JP		
DO NOT SCALE PRINT		THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.					SCALE	SIZE	DWG. NO.	REV	SHEET
DF-140A REV A							X	A	JSA 96017	B	10F1

SC-SFV06 JSA96013

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0186	H.T	'04/8/9
B	Changed Cat. No.	J04-0454	H.T	'05/2/7



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV_R-2STB_LF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

NOTES

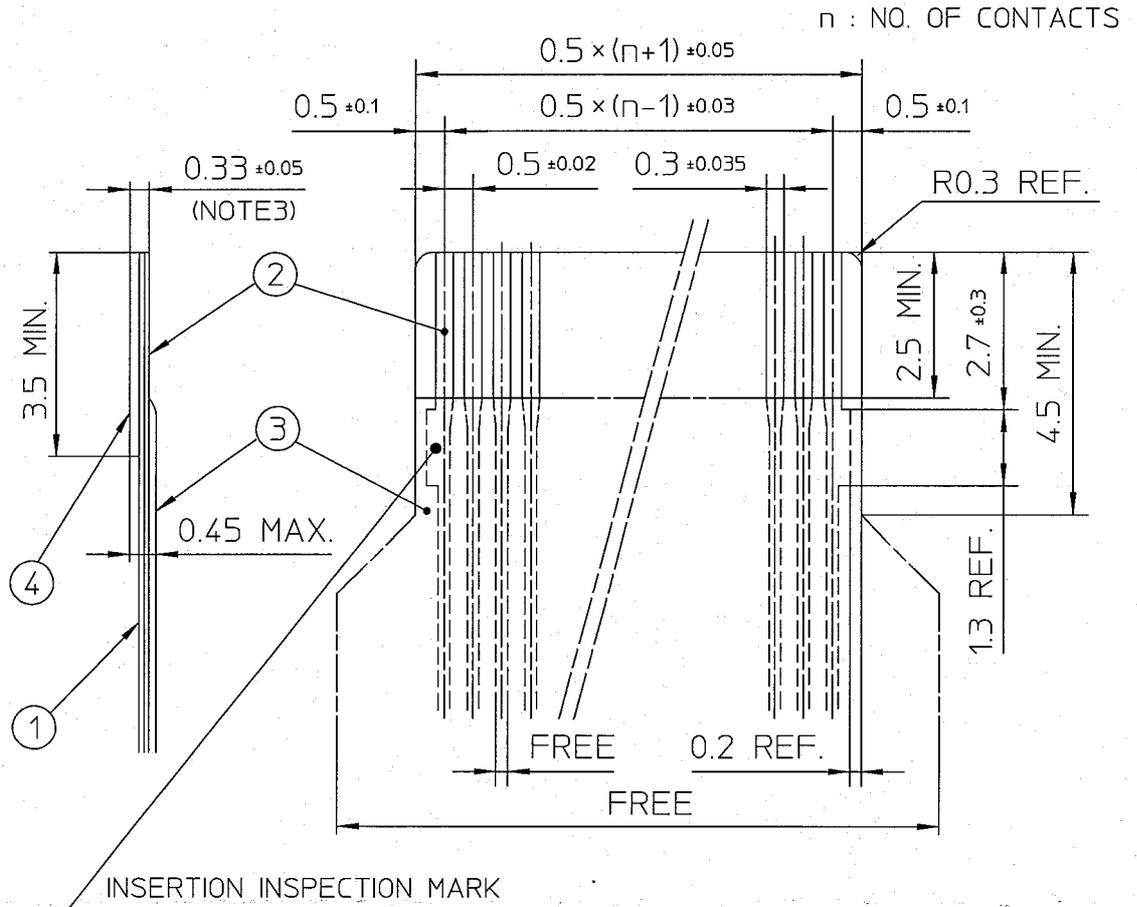
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

SHEET INDEX		ISSUE	B											FCI			
		SH NO.	1														
TOLERANCES UNLESS OTHERWISE SPECIFIED		DR		DATE	2/7/05	CUSTOMER COPY	TITLE					PLASTIC TAPE PACKAGED					
LINEAR		ENGR			2/7/05		0.5 mm CONTACT SPACING CONNECTOR					(Cat. No. : SFV__R-2STBE1LF)					
ANGLES		CHK			2/9/05	THIRD ANGLE PROJ	PRODUCT FAMILY					58GF					
		APPR			2/9/05	UNIT	MM					CODE JP					
DO NOT SCALE PRINT		THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.				SCALE	X		SIZE	A		DWG. NO.	JSA 96018		REV	B	
DF-140A REV A																SHEET 10F1	

SC-SFV06 JSA9601B

RECOMMENDED CABLE (FPC)

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0186	H.T	'04/8/9
B	Changed Cat. No.	J04-0454	H.T	'05/2/7



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

NOTES

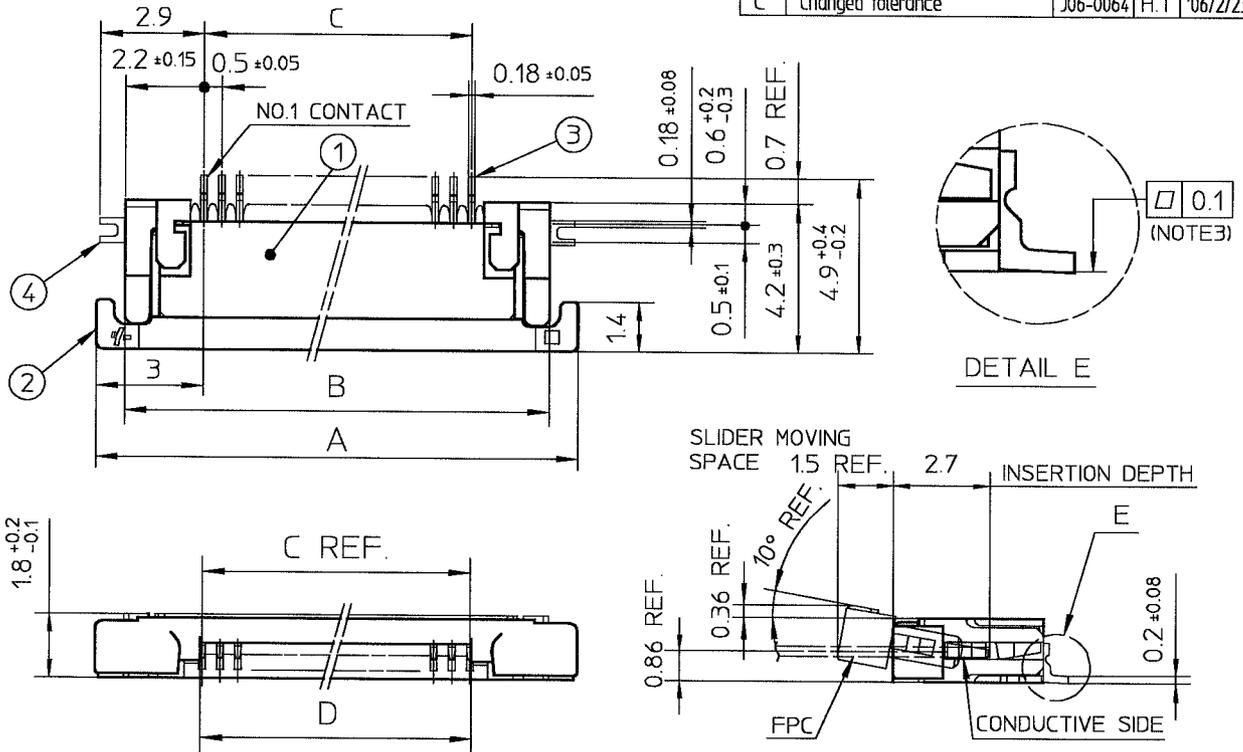
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

SHEET INDEX	ISSUE	B																
	SH NO.	1																
TOLERANCES UNLESS OTHERWISE SPECIFIED		DR		DATE	CUSTOMER COPY	TITLE												
LINEAR		=+0.3=		2/7/05		RECOMMENDED CABLE												
ANGLES		=+2=		2/7/05		(Cat. No. : SFV__R-1/2ST__LF)												
DO NOT SCALE PRINT		APPD		2/7/05	UNIT	PRODUCT FAMILY												
DF-140A REV A		M. Hasegawa		2/7/05	MM	58GF												
THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.					INCH	SCALE	SIZE	DWG. NO.	REV	SHEET								
						X	A	JSA 96019	B	1 of 1								

SC-SFV06 JSA96013

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.2

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0454	H.T	'05/2/7
B	Added the heat resistance.	J05-0710	H.T	'05/10/21
C	Changed tolerance	J06-0064	H.T	'06/2/23

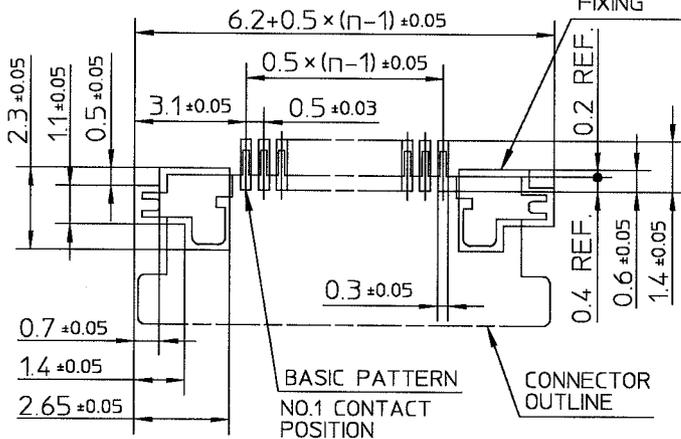


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:GOLD
4	MOUNTING PLATE		2	PLATING:LEAD FREE

n: NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR MOUNTING PLATE
FIXING



NOTES

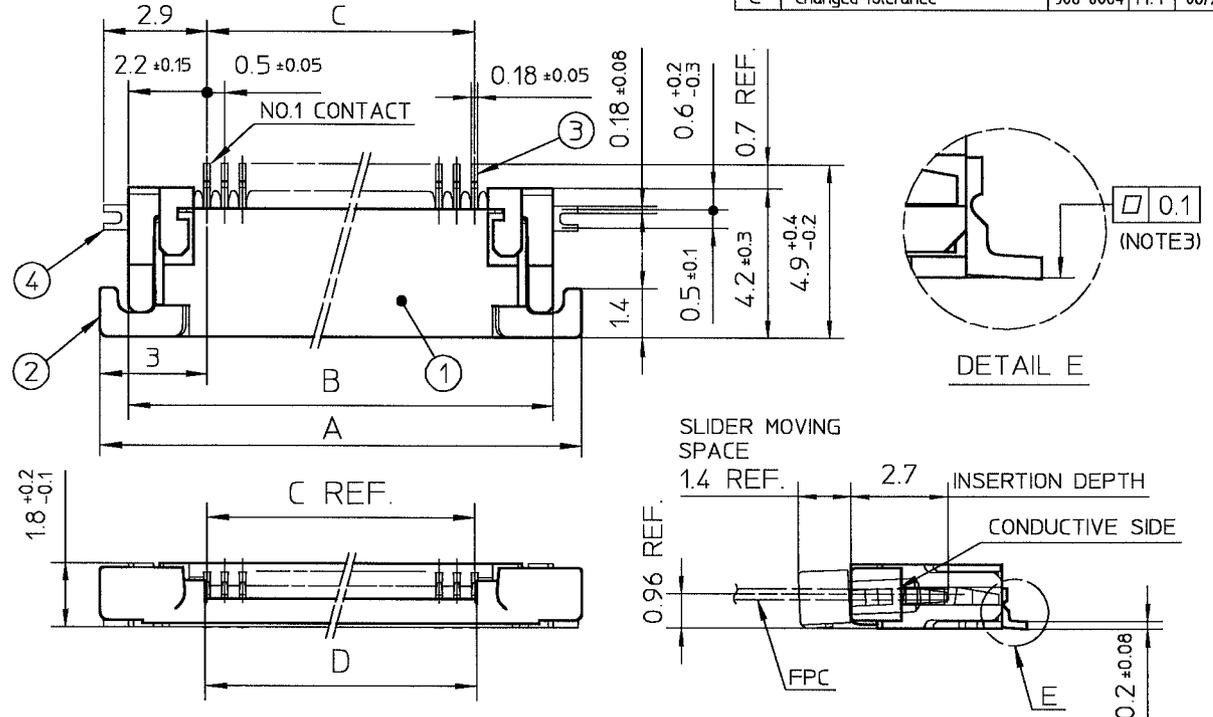
- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPE WITH AUTOMATIC MOUNTING (SMT).
- 2.THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
- 3.FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
- 4.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 5.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

SHEET INDEX	ISSUE	C									TITLE CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV_R-3STB_LF)
	SH NO.	1									
TOLERANCES UNLESS OTHERWISE SPECIFIED	DR	<i>H. Takahashi</i>		DATE	2/23/06	CUSTOMER COPY					
	ENGR	<i>H. Takahashi</i>			2/23/06	THIRD ANGLE PROJ					
	CHK	<i>M. Motomura</i>			2/23/06						
LINEAR	±0.3	APPD	<i>S. Ochiai</i>		DATE	2/23/06	UNIT	MM			
ANGLES	±2										
DO NOT SCALE PRINT THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.											
DF-140A REV A	SCALE	SIZE	DWG. NO.	REV							
	∞	A	JSA 96186	C							

SC-SFV07 JSA96185

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.2

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0454	H.T	'05/2/7
B	Added the heat resistance.	J04-0710	H.T	'05/10/21
C	Changed tolerance	J06-0064	H.T	'06/2/23

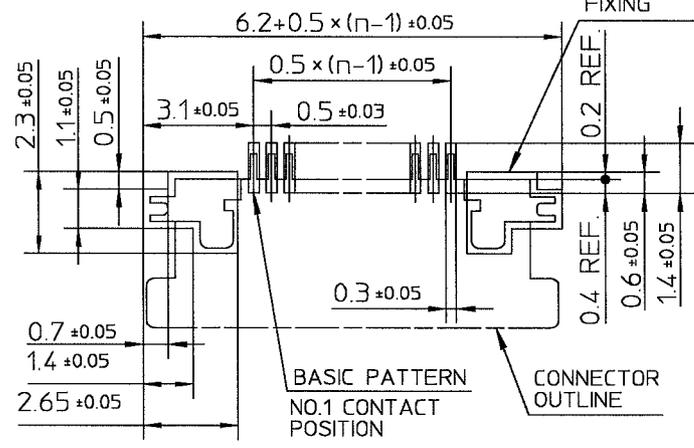


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR: BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR: BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING: GOLD
4	MOUNTING PLATE		2	PLATING: LEAD FREE

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR MOUNTING PLATE
FIXING

n: NO. OF CONTACTS



NOTES

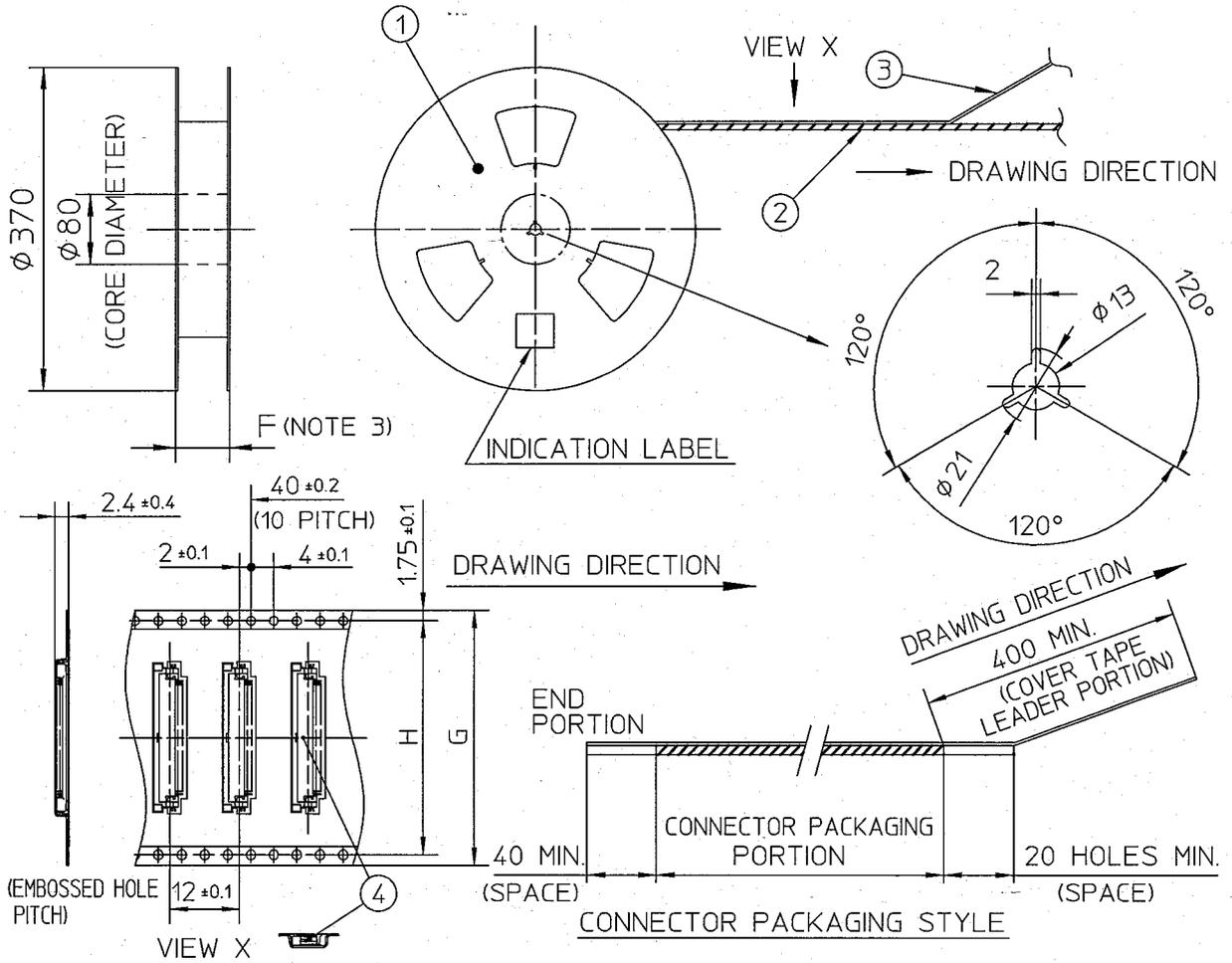
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

SHEET INDEX	ISSUE	C											
	SH NO.	1											
TOLERANCES UNLESS OTHERWISE SPECIFIED	DR	DATE	2/23/06	CUSTOMER COPY	TITLE	CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-4STB__LF)					PRODUCT FAMILY	CODE JP	
	ENGR	2/23/06	THIRD ANGLE PROJ										
LINEAR	CHK	2/23/06	UNIT	MM	58EF	SCALE	SIZE	DWG. NO.	REV	SHEET			
	APPD	2/23/06	INCH	JSA 96187	C	10F1							
ANGLES	DO NOT SCALE PRINT THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.												

SC-SFV07 JSA96185

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0454	H.T	'05/2/7



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-3STB_LF	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

NOTES

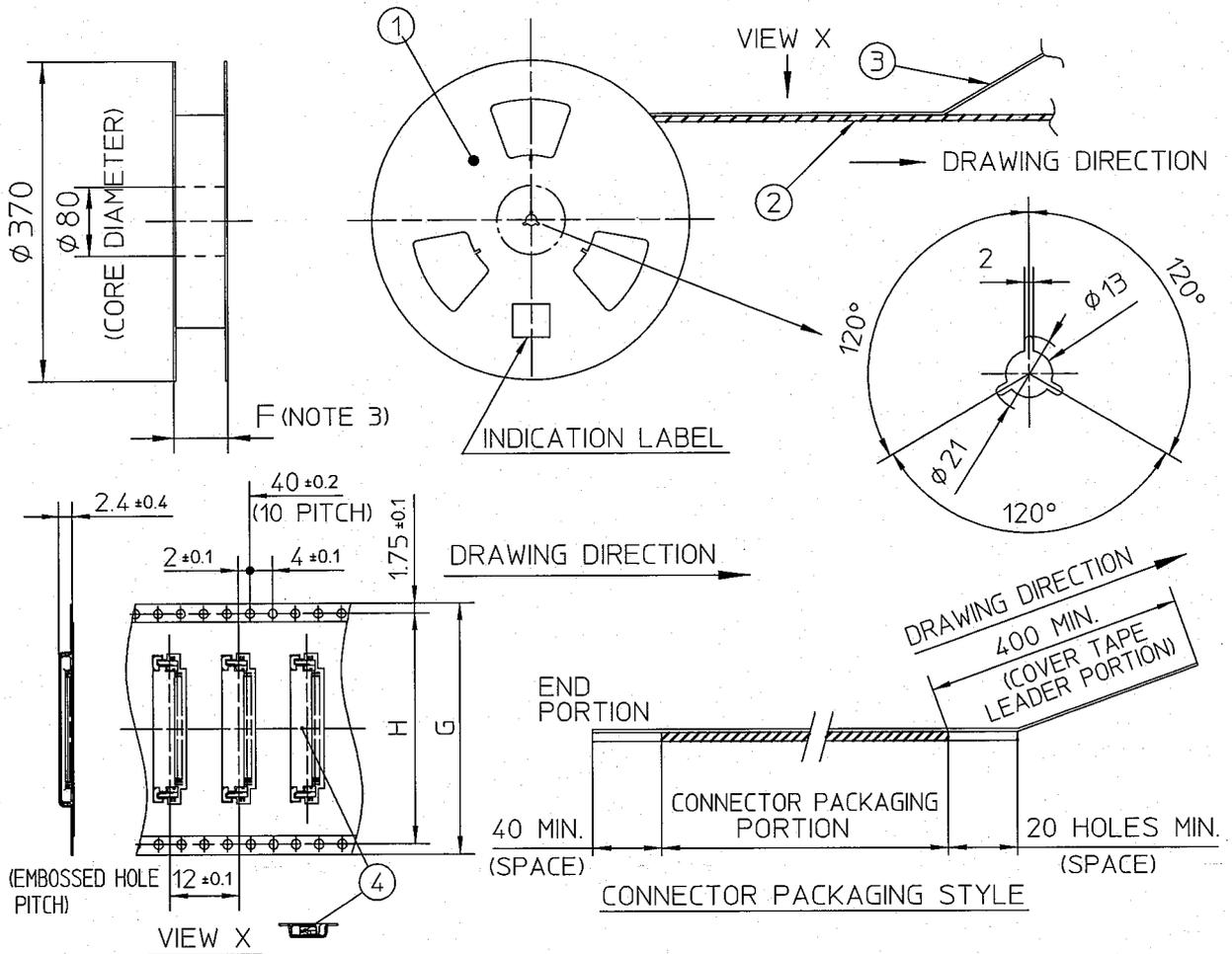
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

SHEET INDEX	ISSUE	A											FCI			
	SH NO.	1														
TOLERANCES UNLESS OTHERWISE SPECIFIED	DR	<i>H. Takahara</i>		DATE	2/7/05	CUSTOMER COPY	TITLE PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3STBE1LF)									
	ENGR	<i>H. Takahara</i>		DATE	2/7/05											
	LINEAR	±0.3	CHK	<i>M. Hasegawa</i>		DATE						2/7/05	THIRD ANGLE PROJ			
ANGLES	±2°	APPD	<i>M. Hasegawa</i>		DATE	2/7/05	UNIT	MM	PRODUCT FAMILY	58GF	CODE JP					
DO NOT SCALE PRINT		THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.					SCALE	∞	SIZE	A	DWG. NO.	JSA 96189	REV	A	SHEET	10F1

SC-SFV07 JSA96188

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	Released	J04-0454	H.T	'04/2/7



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-4STB__LF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

SHEET INDEX	ISSUE	A											FCI			
	SH NO.	1														
TOLERANCES UNLESS OTHERWISE SPECIFIED	DR	<i>H. Takahashi</i>		DATE	3/7/05	CUSTOMER COPY	TITLE PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-4STBE1LF)									
	ENGR	<i>H. Takahashi</i>		3/7/05	THIRD ANGLE PROJ											
	CHK	<i>M. Hasegawa</i>		3/9/05												
LINEAR	±0.3	APPD		<i>M. Hasegawa</i>		3/9/05	UNIT	MM	PRODUCT FAMILY			58GF	CODE JP			
ANGLES	±2											SCALE	SIZE	DWG. NO.	REV	SHEET
DO NOT SCALE PRINT							THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN KK.					∕	A	JSA 96190	A	10F1
DF-140A REV A																

SC-SFV07 JSA96188

