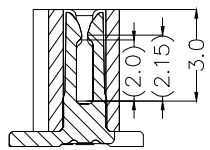
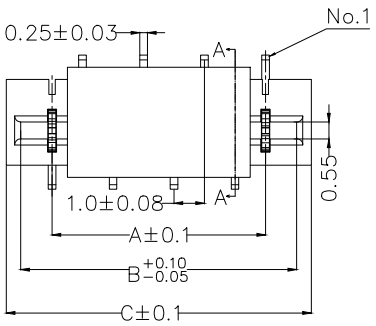
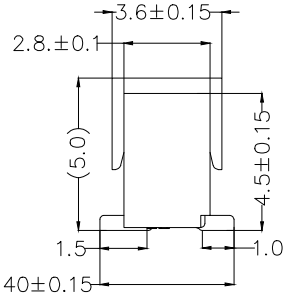
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

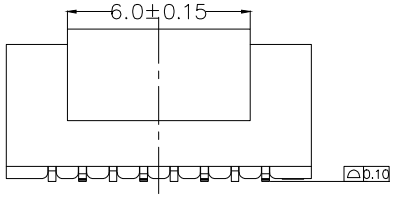
SPECIFICATIONS
Electrical
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range–Operating: –40℃~+105℃
Material
Housing: LCP (UL94V–0) Black
Terminal: Copper Alloy/Tin Plated

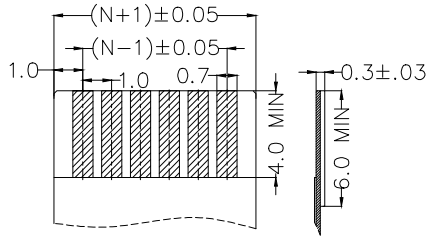


SECTION A–A

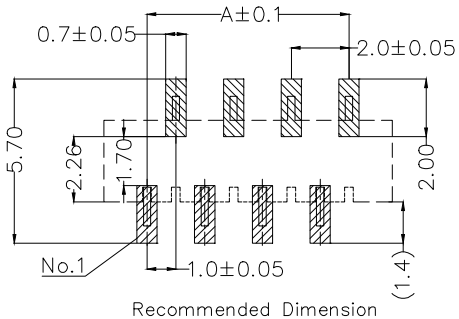








Applicable FFC
Tolerances: ±0.05



Recommended Dimension
General tolerances: ±0.05

Ordering Information

FFC	100	69	—	XX	S	S	A	2	2	3	BK	M
1	2	3		4	5	6	7	8	9	10	11	12

1	Category	2	Series Number	3	Distinction No.	4	Circuits	5	Assemble Layout	6	Entry Angle	
	FFC–FPC		100–Pitch1.00mm		69		XX		S–SMT		S–180° Vertical	
7	Contact Position	8	ZIF	9	Plating	10	Material–Resin	11	Color–Resin	12	Packaging	
	A–Positive Needle		2–Non ZIF		2–Tin Plated		3–LCP		BK–Black		M–Reel(With Cap)	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Building Technology Cornerstone
			LEO	24/Oct/24	FFC10069–XXSSA223BKM	FFC10069	
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY	DATE	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT		REV 0 / SHEET NO. 1/3
	X.X ±0.20	X.X° ±2°	GISELLE	24/Oct/24			
SCALE 5:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY	DATE			
	X.XXX ±0.10	X.XXX° ±0.5°	NICK	24/Oct/24			

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part NO.	Dimensions		
		A	B	C
4	FFC10069-04SSA223BKM	3.00	5.05	6.00
5	FFC10069-05SSA223BKM	4.00	6.05	7.00
6	FFC10069-06SSA223BKM	5.00	7.05	8.00
7	FFC10069-07SSA223BKM	6.00	8.05	9.00
8	FFC10069-08SSA223BKM	7.00	9.05	10.00
9	FFC10069-09SSA223BKM	8.00	10.05	11.00
10	FFC10069-10SSA223BKM	9.00	11.05	12.00
11	FFC10069-11SSA223BKM	10.00	12.05	13.00
12	FFC10069-12SSA223BKM	11.00	13.05	14.00
13	FFC10069-13SSA223BKM	12.00	14.05	15.00
14	FFC10069-14SSA223BKM	13.00	15.05	16.00
15	FFC10069-15SSA223BKM	14.00	16.05	17.00
16	FFC10069-16SSA223BKM	15.00	17.05	18.00
17	FFC10069-17SSA223BKM	16.00	18.05	19.00
18	FFC10069-18SSA223BKM	17.00	19.05	20.00
19	FFC10069-19SSA223BKM	18.00	20.05	21.00
20	FFC10069-20SSA223BKM	19.00	21.05	22.00
21	FFC10069-21SSA223BKM	20.00	22.05	23.00
22	FFC10069-22SSA223BKM	21.00	23.05	24.00
23	FFC10069-23SSA223BKM	22.00	24.05	25.00
24	FFC10069-24SSA223BKM	23.00	25.05	26.00
25	FFC10069-25SSA223BKM	24.00	26.05	27.00
26	FFC10069-26SSA223BKM	25.00	27.05	28.00
27	FFC10069-27SSA223BKM	26.00	28.05	29.00
28	FFC10069-28SSA223BKM	27.00	29.05	30.00
29	FFC10069-29SSA223BKM	28.00	29.05	31.00
30	FFC10069-30SSA223BKM	29.00	31.05	32.00

THIRD ANGLE PROJECTION

DESIGN UNITS METRIC

SCALE 5:1 | SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X. ±0.30	X.° ±5°
X.X ±0.20	X.X° ±2°
X.XX ±0.15	X.XX° ±1°
X.XXX ±0.10	X.XXX° ±0.5°

APPROVE BY LEO | DATE 24/Oct/24

CHECKED BY GISELLE | DATE 24/Oct/24

DRAWN BY NICK | DATE 24/Oct/24

PART NO. FFC10069-XXSSA223BKM | ITEM NO. FFC10069

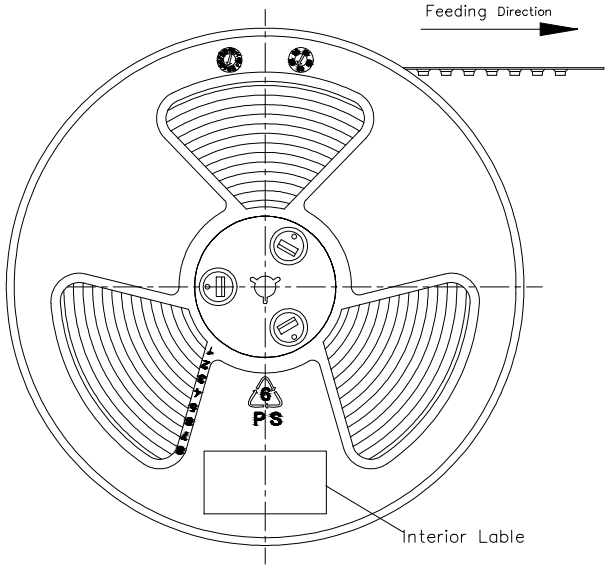
TITLE FPC/FFC Connector 1.00mm Positive Needle SMT

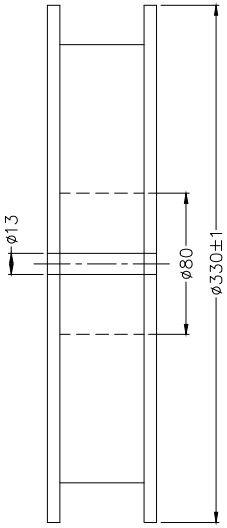
TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 2/3

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

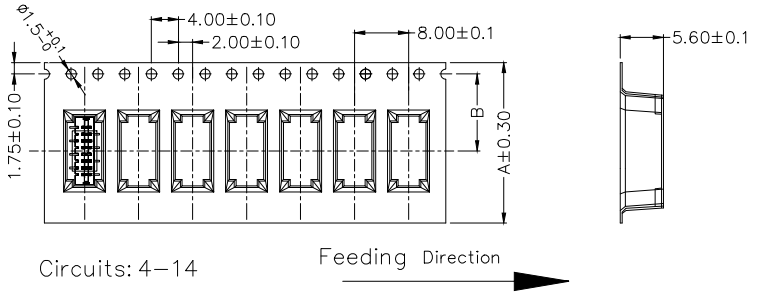


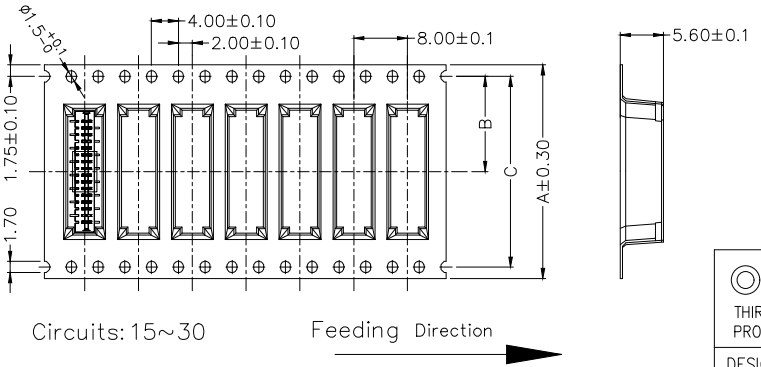


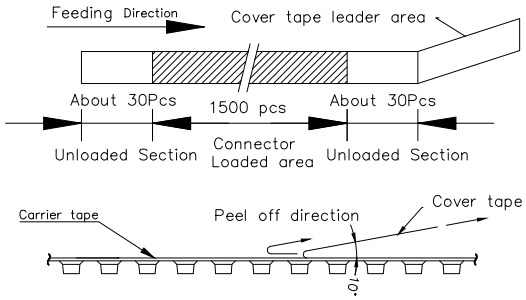
Note:

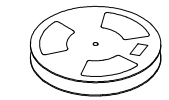
1. 10 sprocket hole cumulative tolerance±0.2
2. Carrier camber is within 1.0mm in 250mm
3. Material: Black Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Peel off force of cover tape&carrier tape: 20g~130g(0.2N~1.3N)
6. Component load per 13" reel: 1500 pcs

Circuits (n)	Dimensions(mm)			PCS/RELL
	A	B	C	
4~6	16.00	7.50	——	1500/14
7~14	24.00	11.50	——	1500/10
15~19	32.00	14.20	28.40	1500/8
20~30	44.00	20.20	40.40	1500/6

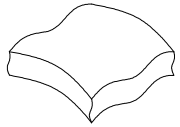


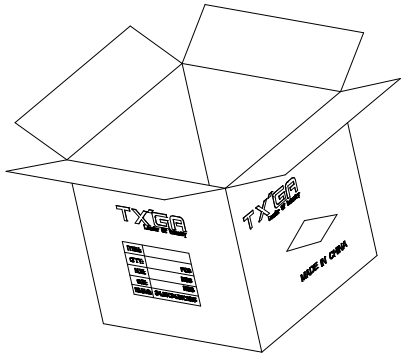





1500 pcs/reel

PE Bag


Drying agent/pcs



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 24/Oct/24	PART NO. FFC10069-XXSSA223BKM / ITEM NO. FFC10069
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 24/Oct/24	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT
SCALE 5:1 / SIZE A4	X.X ±0.20	X.X° ±2°	DRAWN BY NICK	DATE 24/Oct/24	REV 0 / SHEET NO. 3/3
	X.XX ±0.15	X.XX° ±1°			
	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

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