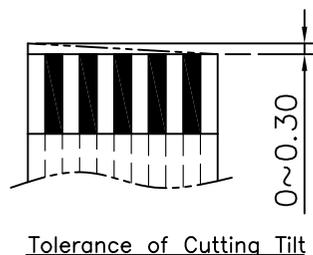


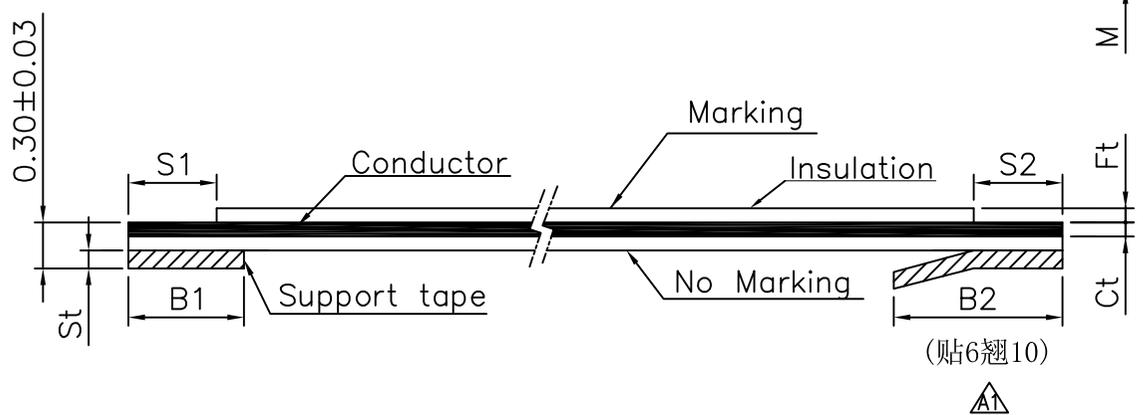
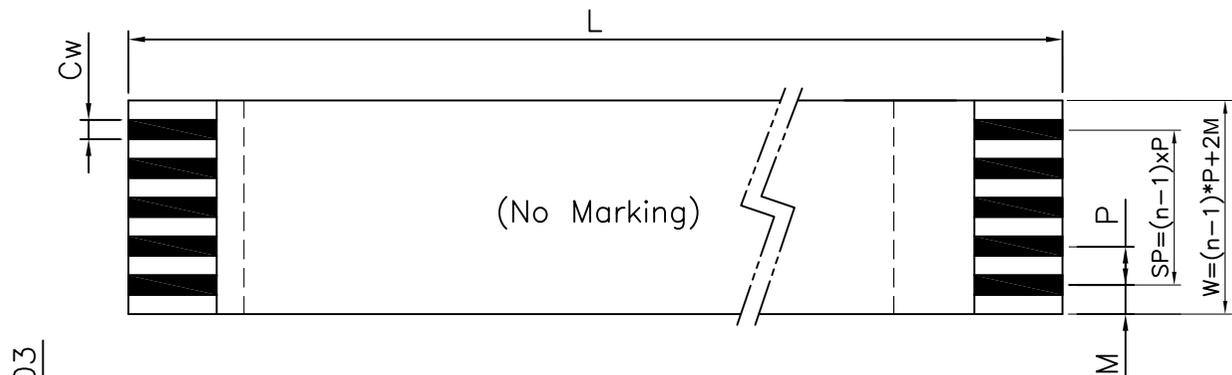
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/02/06	Ken Lin
A1			Change	2025/05/28	Ken Lin



TOLERANCE				
ITEM	Abbr.	P=0.5	P=1.0	P=1.25
导体间距	P	±0.05	±0.08	±0.1
导体总间距	SP	±0.08	±0.10	±0.15
FFC宽度	W	±0.08	±0.10	±0.20
Margin	M	±0.08	±0.10	±0.15
导体宽度	Cw	±0.03	±0.03	±0.03
导体厚度	Ct	±0.01	±0.01	±0.01
导体外露长度	S1/S2	±0.5	±0.5	±0.5
补强板长度	B1/B2	4±1mm, 5~8±1.5mm, 9~15±2mm		
FFC长度	L	30~250±2, 251~300±3mm 301~600±5, L>600±10mm		

Material Specification			
ITEM	SPEC	Dimension	备注
绝缘膜	Ft	0.043	白膜+白膜 80°C 60V VW-01
导体	Ct*Cw	0.035*0.3	镀锡线
补强板	St	0.225	BLUE



- NOTE:
- 公差以尺寸下面的公差为标准
 - OQC严格按照图示各项公差检验
 - 线规UL20624, 60V, 80°C

FFC Specification

P	TYPE	No. of Con.	L	S1	S2	B1	B2	SP	W	M	Support Tape Color
1.0	A	16	450	5	5	6	6+10	15.0	17.0	1.0	Blue
±0.08			±5	±0.5	±0.5	±1.5	±2	±0.10	±0.10	±0.10	

Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±1°	DESIGN BY : Ken Lin	DATE : 2025/05/28	PART NAME: FLEXIBLE FLAT CABLE Pitch=1.0mm L=450mm 16Pin
	CHECKED BY: Hanson Huang	DATE : 2025/05/28	PART NO. MRSFCP10N16T-M514
	APPROVED BY1: Richard Hsieh	DATE : 2025/05/28	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2025/05/28	DRAW NO. SHEET NO. 1 OF 1

UNIT: mm [inch] SCALE:1:1 SIZE:A4