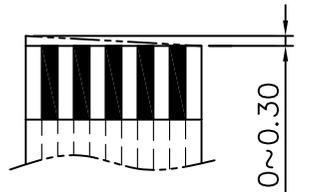
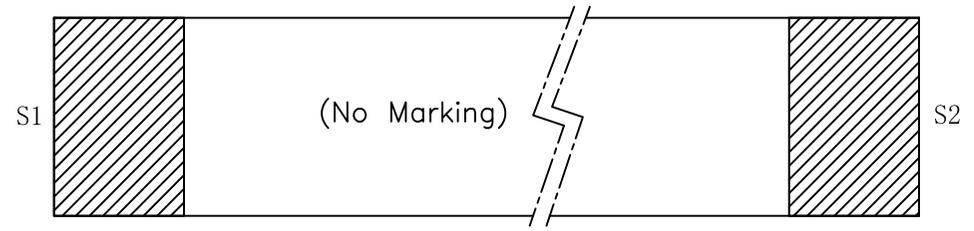
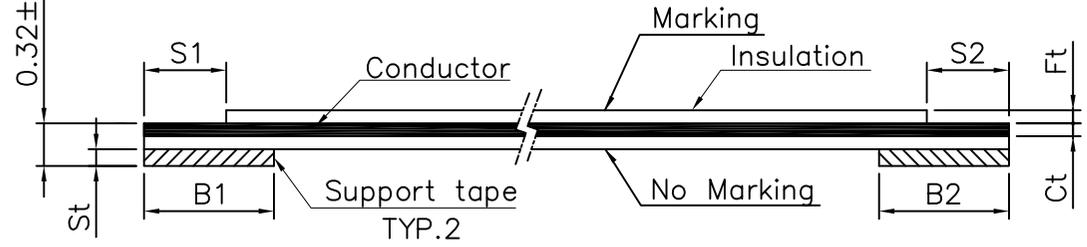
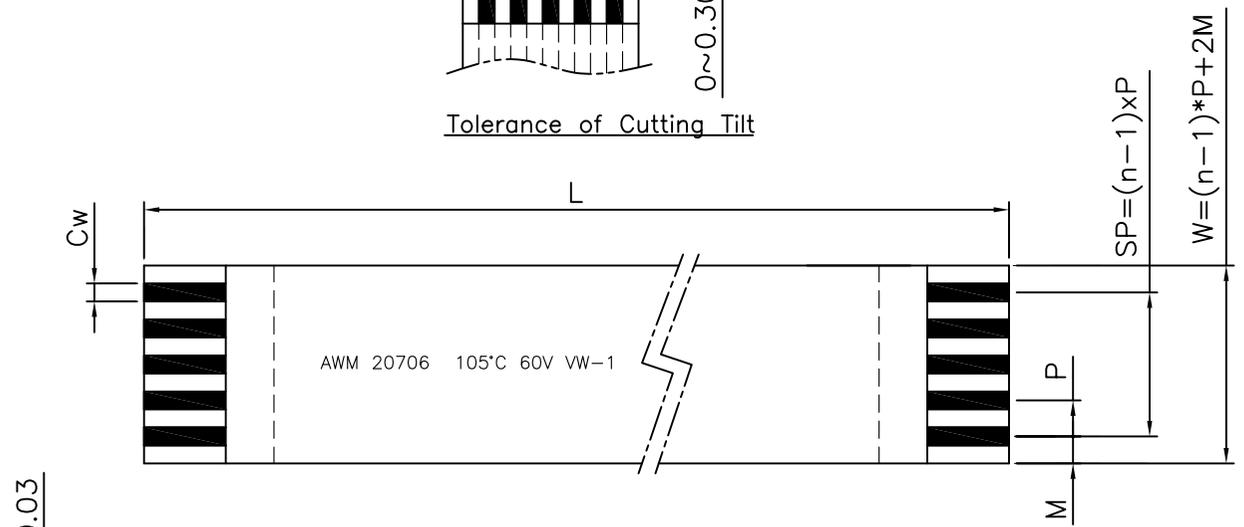


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/02/18	Ken Lin
A1			補強板尺寸變更	2025/04/10	Ken Lin



Tolerance of Cutting Tilt



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
Magin	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	0.06	20706 105°C 60V
导体	Ct*Cw	0.035*0.3	裸铜线(电镀:Note 3.)
补强板	St	0.225	BLUE

- NOTE:
- 公差以尺寸下面的公差为标准
  - OQC 严格按照图示尺寸检验
  - 产品需镀金: NI: 40U" AU: 3U"
  - UL STYLE: 20706 105°C 60V

### FFC Specification

P	TYPE	No.of Con.	L	S1	S2	B1	B2	SP	W	M	Support Tape Color
0.5	A	40	150	4	4	8	8	19.5	20.5	0.5	Blue
±0.05			±2	±0.5	±0.5	±1.0	±1.0	±0.08	±0.08	±0.08	

**Matrix Electronics Co.,Ltd**

<b>TOLERANCE:</b> X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±1°	DESIGN BY : Ken Lin	DATE : 2025/04/10	<b>PART NAME:</b> FLEXIBLE FLAT CABLE Pitch=0.5mm L=150mm 40Pin
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2025/04/10	PART NO. MRSFCP05N40T-M517
	APPROVED BY1: Richard Hsieh	DATE : 2025/04/10	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2025/04/10	DRAW NO. SHEET NO. 1 OF 1