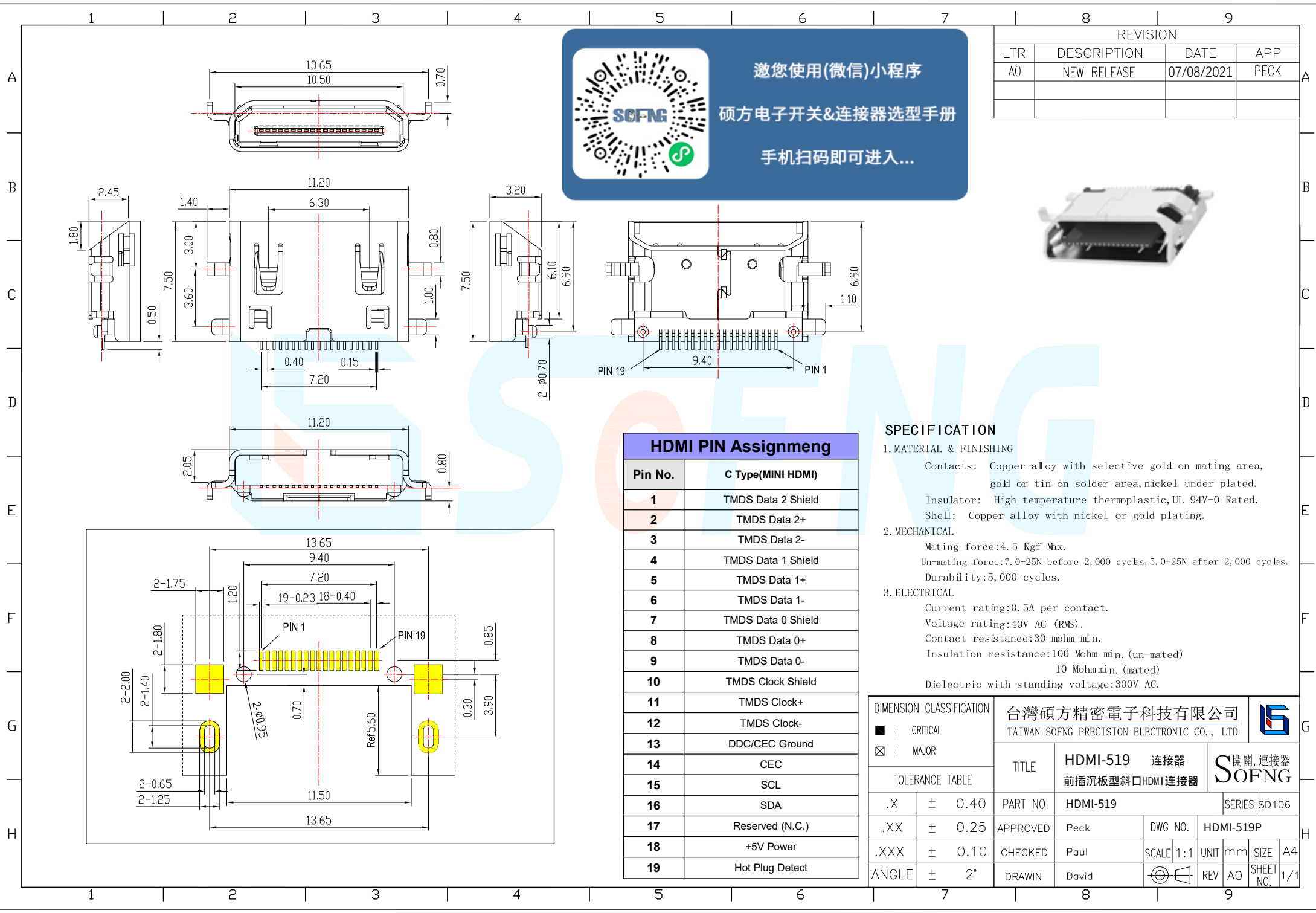




REVISION			
LTR	DESCRIPTION	DATE	APP
A0	NEW RELEASE	07/08/2021	PECK

HDMI PIN Assignmeng	
Pin No.	C Type(MINI HDMI)
1	TMDS Data 2 Shield
2	TMDS Data 2+
3	TMDS Data 2-
4	TMDS Data 1 Shield
5	TMDS Data 1+
6	TMDS Data 1-
7	TMDS Data 0 Shield
8	TMDS Data 0+
9	TMDS Data 0-
10	TMDS Clock Shield
11	TMDS Clock+
12	TMDS Clock-
13	DDC/CEC Ground
14	CEC
15	SCL
16	SDA
17	Reserved (N.C.)
18	+5V Power
19	Hot Plug Detect

SPECIFICATION

1. MATERIAL & FINISHING

Contacts: Copper alloy with selective gold on mating area, gold or tin on solder area, nickel under plated.
Insulator: High temperature thermoplastic, UL 94V-0 Rated.
Shell: Copper alloy with nickel or gold plating.

2. MECHANICAL

Mating force: 4.5 Kgf Max.
Un-mating force: 7.0-25N before 2,000 cycles, 5.0-25N after 2,000 cycles.
Durability: 5,000 cycles.

3. ELECTRICAL

Current rating: 0.5A per contact.
Voltage rating: 40V AC (RMS).
Contact resistance: 30 mohm min.
Insulation resistance: 100 Mohm min. (un-mated)
10 Mohm min. (mated)
Dielectric with standing voltage: 300V AC.

DIMENSION CLASSIFICATION		台灣碩方精密電子科技有限公司 TAIWAN SOFNG PRECISION ELECTRONIC CO., LTD		開關、連接器 SOFNG	
TOLERANCE TABLE		TITLE	HDMI-519 连接器 前插沉板型斜口HDMI连接器	SERIES SD106	
.X	± 0.40	PART NO.	HDMI-519	HDMI-519P	
.XX	± 0.25	APPROVED	Peck	DWG NO.	SCALE 1:1 UNIT mm SIZE A4
.XXX	± 0.10	CHECKED	Paul	SCALE 1:1 UNIT mm SIZE A4	REVISION
ANGLE	± 2°	DRAWIN	David	REV	NO. 1/1