


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	Even	2023.09.12

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 0.5 AMP.
 - VOLTAGE RATING: 40V.
 - CONTACT RESISTANCE: 30mΩ MAX.
 - INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 4.5Kgf MAX.
 - WITHDRAWAL FORCE: 1.0~4.0Kgf.
- LIFE TEST: 10,000 CYCLES.
- OTHER GENERAL SPEC. TO REFER "HDMI SERIES SPEC".
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
- PACKAGE: SEE "2HE1781-101111F" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.


PART NO.
2HE1781-101111F

- SUFFIX: HALOGEN FREE
- PACKAGE: 1: TAPE AND REEL
- HOUSING COLOR: 1: BLACK
- CONTACT PLATING

1: GOLD FLASH ON CONTACT AREA,
MATTE TIN 75u" MIN. ON SOLDER AREA.
50u" MIN. NI UNDER PLATING OVERALL

HDMI TYPE A PIN ASSIGNMENT

PIN	Signal Assignment
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Data3+
11	TMDS Data3 Shield
12	TMDS Data3-
13	CEC
14	Utility
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

C	CONTACT	19	C2680	SEE PART NO.
B	SHELL	1	SUS 304	50u" MIN. NICKEL
A	HOUSING	1	LCP UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X : ±0.5 X : ±2°				
X.X : ±0.3 X.X : ±1°				
X.XX : ±0.2				
		 信音科技(香港)有限公司		
TITLE		HDMI A TYPE FEMALE, REVERSE, DIP, CH=-2.75(HDMI 2.1)		
DWN		EVEN 2023.09.12 PART NO. 2HE1781-101111F		
CHKD		SCALE2.5:1 UNIT: mm		
APVD		TERESA2023.09.12 SIZE: A3 SHEET: 1 OF 1 REV:A		
CUSTOMER COPY				

