



**SPECIFICATIONS:**

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. CURRENT RATING: 0.5 AMP.
  - 1-2. VOLTAGE RATING: 40V.
  - 1-3. INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX (TARGET DESIGN VALUE). AFTER TEST: Δ30mΩ MAX.
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
  - 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
  - 2-1. INSERTION FORCE: 4.5kgf MAX.
  - 2-2. WITHDRAWAL FORCE: 1.0~4.0kgf.
3. LIFE TEST: 10,000 CYCLES.
4. OTHER GENERAL SPEC. TO REFER "HDMI SERIES SPEC."
5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. PACKAGE: SEE "2HE1697 SERIES" PACKAGE.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

**PART NO.**

**2HE1697-000111F**

KEYHOLE CENTER HEIGHT  
0: K.C.H= 13.38mm

- SUFFIX: HALOGEN FREE
- PACKAGE AND REEL
- HOUSING COLOR
- 1: BLACK
- CONTACT PLATING
- 1: GOLD FLASH ON CONTACT AREA, MATTE TIN PLATED ON SOLDER AREA, NICKEL UNDERPLATED OVERALL.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	INK	-	INK	BLACK
C	CONTACT	19	C2680	SEE PART NO.
B	SHELL	1	SUS 304 1/2H	NICKEL PLATED
A	HOUSING	1	LCP UL 94V-0	BLACK

  

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1'
X.XX : ±0.2	

  

CHKD	APVD	TITLE	DWN
AMBA 2018.03	AMBA 2018.03	HDMI A TYPE FEMALE, R/A W/KEYHOLE DESIGN THE CH=3.31mm	AMBA 2018.03
SCALE: 3:1	SCALE: 3:1	PART NO. 2HE1697-000111F	SCALE: 3:1
UNIT: mm	UNIT: mm		UNIT: mm
SIZE: A3	SIZE: A3	SHEET: 1 OF 1	SIZE: A3
REV: B	REV: B		REV: B

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