



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	ECN NO:S17044-P 2HE1682-0X0X11F->2HE1682-000111F Delet:2HE1682-020211F	IVY-C	2019.05.16
B	ECN NO: L190047	IVY-C	2019.06.05
C	ECN NO: L190053	IVY-C	2019.06.21

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 0.5 AMP.
 - VOLTAGE RATING: 40V.
 - INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX (TARGET DESIGN VALUE). AFTER TEST: Δ30mΩ 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 "2HE1682 SERIES" PACKAGE.
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.2HE1682-000111F

DIM"A" :TAIL LENGTH:
0: Terminal:1.4 mm.
Shell :1.6 mm

SUFFIX: HALOGEN FREE
PACKAGE
1: TAPE AND REEL
HOUSING COLOR
1: BLACK
CONTACT PLATING
1: GOLD FLASH ON CONTACT AREA,
GOLD FLASH ON SOLDER AREA.

F	INK	-	BLACK
E	BOTTOM COVER	1	HIGH TEMP. THERMO-PLASTIC UL 94V-0 BLACK
D	TOP COVER	1	HIGH TEMP. THERMO-PLASTIC UL 94V-0 BLACK
C	CONTACT	19	COPPER ALLOY SEE PART NO.
B	SHELL	1	STAINLESS STEEL NICKEL PLATED
A	HOUSING	1	HIGH TEMP. THERMO-PLASTIC UL 94V-0 BLACK

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS:	ANGLES:	TITLE HDMI A TYPE FEMALE, REVERSE, SINKING, C.H=-1.93mm		
X :±0.5	X :±2°	DWN	IVY-C 2019.06.21	PART NO. 2HE1682-000111F
X.X :±0.3	X.X :±1°	CHKD	ANGELA 2019.06.21	SCALE:3.3:1 UNIT: mm
X.XX :±0.2		APVD	ANGELA 2019.06.21	SIZE: A3 SHEET:1 OF 1
REV: C				
CUSTOMER COPY				