



RECOMMENDED PCB LAYOUT THICKNESS = 1.6 mm
TOLERANCE = ±0.05
(TOP VIEW)

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 SINGAITRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
 - PACKAGE: SEE "2HE1647 SERIES" PACKAGE.
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.

2HE1647-000111F

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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	INK			BLACK
D	COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
C	CONTACT	19	COPPER ALLOY	SEE PART NO.
B	SHELL	1	COPPER ALLOY	NICKEL
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:	TITLE	HDMI TYPE	A FEMALE	VERTICAL & SMT TYPE
X :±0.5	X :±2	DWN	HW-C-20120305	PART NO.	2HE1647-000111F
XX :±0.3	XX :±1	CHKD	HW-T-20120305	SCALE	4:1
XXX :±0.2		APVD	HW-T-20120305	SIZE:	A3

Singatron Enterprise Co., Ltd.
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SHEET: 1 OF 1
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REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	HW-C	2012.09.05