



CONNECT EDGE  
RECOMMENDED PCB LAYOUT (TOP VIEW)  
(THICKNESS=1.2±0.10mm)  
(TOLERANCE=±0.03mm)  
PCB EDGE

**SPECIFICATIONS:**

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. CURRENT RATING: 0.5A
  - 1-2. VOLTAGE RATING: 40V
  - 1-3. CONTACT RESISTANCE: 10mohm MAX.(INITIAL)
  - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - 1-5. INSULATION RESISTANCE: 100mohm MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
  - 2-1. INSERTION FORCE : 4.5KGF MAX.
  - 2-2. WITHDRAWAL FORCE : 1~4.0 KGf
3. LIFE TEST: 10,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "ZHE3Y70-000111F\_SPEC"
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
8. PART NO. ZHE3Y70-000111F

SUFFIX:HALOGEN FREE  
PACKAGE  
1:TAPE & REEL  
HOUSING COLOR  
1: BLACK  
CONTACT PLATING  
1: GOLD FLASH ON CONTACT AREA



REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:S150805-6A		Charles	2015.10.22

  

F	MYLAR	2	Kapton	YELLOW(2.5*5.5)
E	SHELL	1	STAINLESS STEEL,T=0.50	NICKEL 50~100u"
D	TERMINAL	19	COPPER ALLOY,T=0.20	CONTACT AREA: GOLD FLASH SOLDER AREA: GOLD FLASH ALL OVER Ni 50u"/MIN.
C	BOTTOM COVER	1	HIGH TEMP. THERMOPLASTIC	
B	TOP COVER	1	HF, UL94V-0	BLACK
A	HOUSING	1		
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:  
X :±0.5 X :±2  
XX :±0.3 X.X :±1'  
X.XX :±0.2

TITLE HDMI TYPE A FEMALE DIP TYPE SINKING, CH=1.20mm  
Charles PART NO. ZHE3Y70-000111F  
CHKD SCALE:4:1 UNIT: mm  
APVD SIZE: A3 SHEET:1 OF 1 REV:A

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