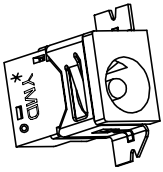


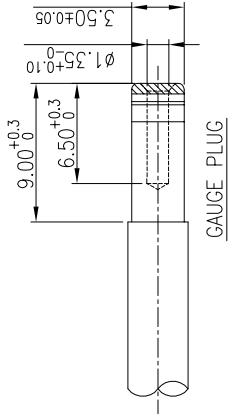
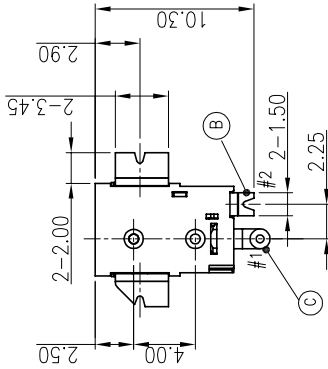
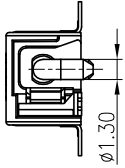
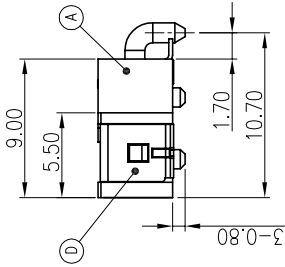
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	BILLY	2013.09.12
B	ECN NO.:C1140039 MODIFY D/c	Kermit	2014.06.10
C	ECN NO: C202107-R05	HuangYu	2021.07.09
D	ECN NO: C202108-R02	HuangYu	2021.08.23

SPECIFICATIONS:

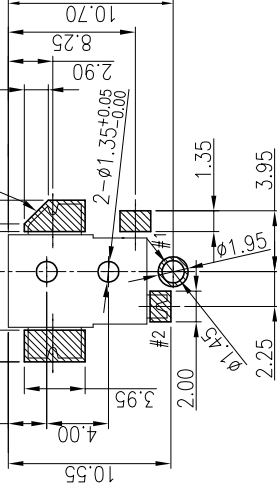
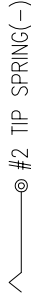
- ELECTRICAL CHARACTERISTICS:
1-1. RATING: 24V, 4A.
1-2. CONTACT RESISTANCE:
30 MILLIOHMS Max. FOR INITIAL,
50 MILLIOHMS Max. AFTER 5000 CYCLES.
1-3. INSULATION RESISTANCE: 100 MEGAOHMS Min. BY 500V DC AFTER 1 MINUTE.
1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V RMS AFTER 1 MINUTE.
- MECHANICAL CHARACTERISTICS:
2-1. INSERTION FORCE:0.3~2.0 KGF(INITIAL), 0.3~2.0KGF(FINAL)
2-2. WITHDRAWAL FORCE:0.3~2.0 KGF(INITIAL), 0.3~2.0KGF(FINAL)
- LIFE TEST: 5,000 CYCLES.
- OTHER GENERAL SPEC. TO REFER "2DC-S050 SERIES SPEC".
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: 
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PACKAGING: TAPE & REEL.



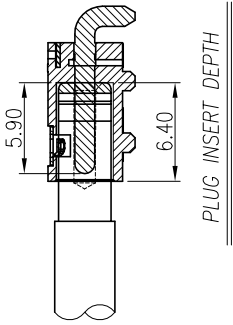
DATE CODE



SCHEMATIC



RECOMMENDED PCB LAYOUT
(TOP VIEW)(TOLERANCE:±0.05)



PLUG INSERT DEPTH

D	SHIELDING	1	COPPER ALLOY 0.25T		Ni 60u" Min
C	PIN	1	BRASS BAR		Gold flash plating on nickel
B	TIP SPRING	1	COPPER ALLOY 0.25T		Ag 20u"Min. over Ni 20u"Min Plating
A	BODY	1	HIGH TEMP. THERMOPLASTIC 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:		TITLE		DC POWER JACK	
X : ±0.5	X : ±2°	DWN	YU-Huang	PART NO.	2DC-S050-H07F
X.X : ±0.3	X.X : ±1°	CHKD	Stone-Zhu	SCALE 3:1	UNIT: mm
X.XX : ±0.2		APVD	jim-deng	SIZE: A3	SHEET:1 OF 1 REV: D
CUSTOMER COPY					