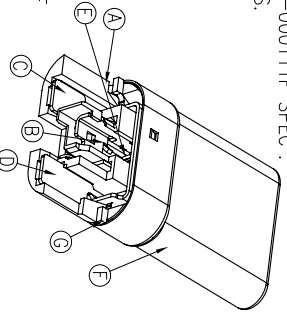
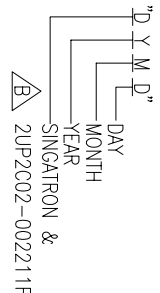


PIN ASSIGNMENTS:

PIN NO.:	SIGNAL NAME
A1,A12,B1,B12	GND
SHELL	Vbus
A4,A9,B4,B9	CC
A5	CC
A6	
A7	

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - RATING:
 - 20VDC/5.0A MAX. FOR VBUS PIN AND GND PIN.
 - 20VDC/1.5A FOR A5/A6/A7 PIN.
 - CONTACT RESISTANCE:
 - 40mΩ MAX.(INITIAL) 50mΩ MAX.(FINAL) FOR VBUS PIN/GND PIN/A5 PIN.
 - A6 PIN AND A7 PIN 200mΩ MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE.
 - INSULATION RESISTANCE:100MΩ MIN. BY 100V DC.
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 5~20N(0.51~2.04kgf.)
 - WITHDRAWAL FORCE:
 - 8~20N(0.82~2.04kgf.)(INITIAL)
 - 6~20N(0.61~2.04kgf.)(AFTER DURABILITY TEST)
 - DURABILITY:10,000 CYCLES MIN.
- ENVIRONMENTAL CHARACTERISTICS:
 - OPERATING TEMPERATURE:-55°C~+85°C.
 - TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK: Ⓢ
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: Ⓢ
- OTHER GENERAL SPEC. TO REFER"2UP2C02-000111F SPEC".
- FOR HAND SOLDERING LEAD-FREE PROCESS.
- FAI NO. MARK: Ⓢ
- CPK NO. MARK: Ⓢ (DIM NO.:01.02.03)
- PACKAGING: TRAY.
- DATE CODE "D Y M D"



NO.	DESCRIPTION	QTY.	MATERIAL	PLATING & COLOR
G	LOCK RING	1	SUS301-EH T=0.35	NICKEL PLATING
F	SHELL	1	SUS316L T=0.15	NICKEL PLATING
E	A6&A7 PIN	1	C5191-EH T=0.20	Au 30μ"ON CONTACT AREA ALL OVER NICKEL PLATING
D	A1,A12,B1,B12 PIN	1	C7035-TM04 T=0.20	Au 30μ"ON CONTACT AREA MATE TIN 60μ" Min. ON SOLDER AREA ALL OVER NICKEL PLATING
C	A4,A9,B4,B9 PIN	1	C7035-TM04 T=0.20	
B	A5 PIN	1	C7035-TM04 T=0.20	
A	HOUSING	1	LCP E130+30%GF UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信登企業股份有限公司

DECIMALS:	ANGLES:	TITLE
X :±0.5	X :±2°	DWN
XX :±0.3	XX :±1°	CHKD
XXX :±0.2		APVD

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Junkang	2019.08.19
B	ECN:C202005-001 UPDATE DRAWING	Ruiming	2020.07.10