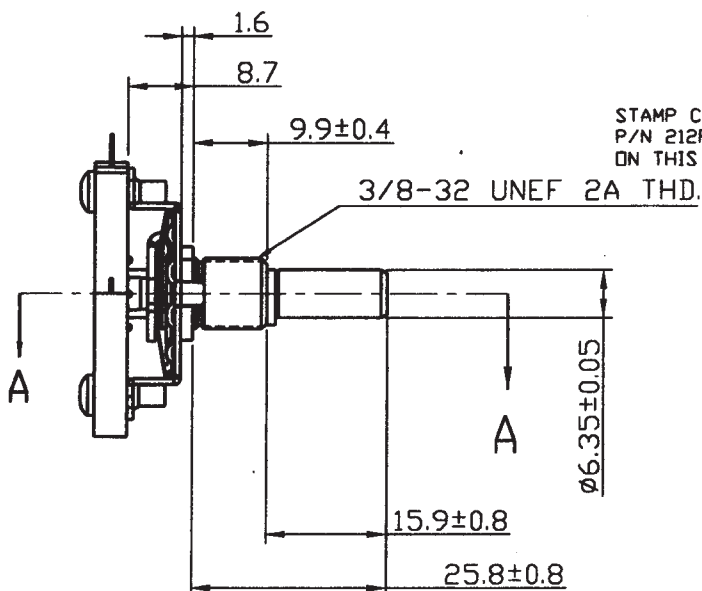
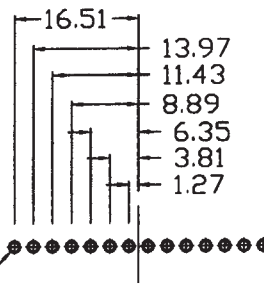
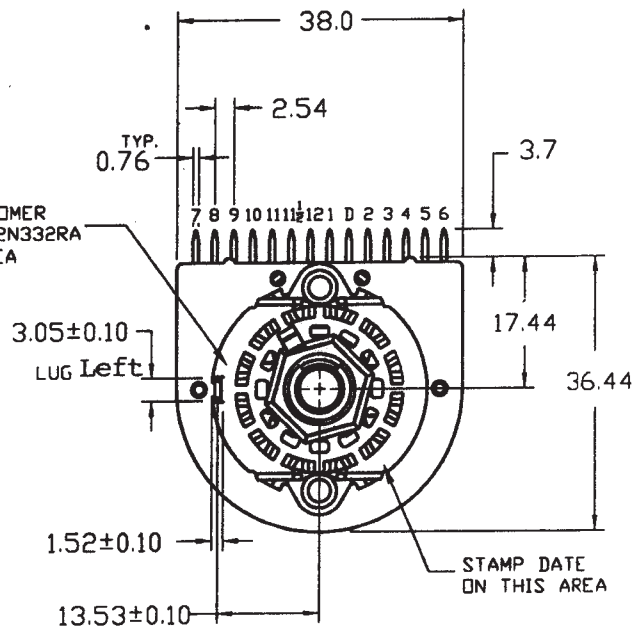




STAMP CUSTOMER
P/N 212P0112N332RA
ON THIS AREA



P.C. BOARD
MOUNTING HOLE

POSITION: 12							
POSITION	CHECK BETWEEN TERMINALS	OPEN	CLOSED	POSITION	CHECK BETWEEN TERMINALS	OPEN	CLOSED
11	11 ₁ - 5	X					
10	11 ₂ - 4	X					
9	11 ₃ - 3	X					
8	11 ₄ - 2	X					
7	11 ₅ - 1	X					
6	11 ₆ - 12	X					
5	11 ₇ - 11	X					
4	11 ₈ - 10	X					
3	11 ₉ - 9	X					
	11 ₁₀ - 8	X					
2	11 ₁₁ - 7	X					
	11 ₁₂ - AD	X					
1	11 ₁₃ - 7	X		12	11 ₁₄ - 6		X
POSITION	CHECK BETWEEN TERMINALS	OPEN	CLOSED	POSITION	CHECK BETWEEN TERMINALS	OPEN	CLOSED

CIRCUIT CONNECTIONS

NOTES :

1. PRINT IS ACCORDING TO JIT SUPPLY P/N 212P0112N332RA
2. LOCK WASHER & MOUNTING NUT MUST BE SHIPPED SEPARATELY (UNASSEMBLED) FROM SELECTOR SWITCH
LOCKWASHER P/N 1220A
MOUNTING NUT P/N 45T-3
ADJUST STOP P/N 215-33-003-01-53
3. STOPS MUST BE LOCATED ON POSITION 11 ONLY
4. WAFER CONFORM TO 212-95-P02-00-00
5. FOR ADDITIONAL REQUIREMENTS SEE CTS ENG.
SPEC #EN-SPE-212001

UNIT : MM

CTS

COMPONENTS TAIWAN LTD.
KAOHSIUNG, TAIWAN, ROC

CAD LIST : ACAD(A)-RDC-227
FILE NAME : BM06042

PART NO. 212P0112N332RA		REV	CUSTOMER : DIGI-KEY	
SCALE : N/A		TOLERANCE UNLESS OTHERWISE SPECIFIED .X (1 PLACE) : ± 0.2 .XX (2 PLACE) : ± 0.05 ANGLE : ± 1.0°	DRAWN BY : C.E.Chen	APPROVED BY : 
CTS TYPE : 212-T212-1			CHECKED BY : 	ISSUED DATE : 08/15/06

CTS COMPONENTS TAIWAN, LTD.

ENGINEERING SPECIFICATION				SPEC NO. EN-SPE-212001A	
SPECIFICATION : 212 SERIES SELECTOR SWITCH			DATE 03-19-02'	PAGE OF 1 OF 2	

1.0 GENERAL :

1.0 THIS SPECIFICATION APPLIES TO THE SELECTOR SWITCH 212 SERIES
(ROTARY TYPE) STANDARD AND CUSTOMER CONFIGURATION

1.1 OPERATING TEMPERATURE RANGE : -20 °C TO +110 °C

1.2 STORAGE TEMPERATURE RANGE : -20 °C TO +110 °C

2.0 MECHANICAL CHARACTERISTICS :

2.1 INDEXING : DOUBLE BUMP SPRING HILL AND VALLEY DETENT WITH 30°
INDEXING FOR 2 THROUGH 12 POSITIONS OR CONTINUOUS ROTATION

2.2 DETENT ROTATIONAL LIFE : 25,000 CYCLES THRU 12 POSITIONS AND RETURN
AT 10 CYCLES PER MINUTE

TORQUE : AS REQUIRED UP TO 48 inch. oz (3.4 kg-cm)

2.3 STOP STRENGTH :
STANDARD : 15 inch-lbs (17 kg-cm)

2.4 MATERIAL :

SHAFT :

☒ ALUM ☐ BRASS ☐ BRASS WITH NI-PLATED

☐ BRASS WITH ZINC PLATED ☐ _____

BUSHING :

☐ BRASS WITH NI-PLATED ☐ BRASS WITH ZINC PLATED

☒ BRASS _____

DETENT SPRING : STAINLESS STEELS, OR SPRING BRASS DEPENDING ON TORQUE REQUIREMENT.

DETENT PLATE : STEEL

CONTACT : SILVER PLATED PHOSOPHER BRONZE

TERMINAL : SILVER PLATED BRASS STANDARD

STATOR : GLASS REINFORCED PPA UL FLAME CLASS 94V-0

ROTOR AND ROTOR COVER : NYLON 66 UL FLAME CLASS 94V-2

A	ITEM 4.0 ADDED	08-02-05	SM				
0	RELEASED	03-19-02	ML				
SYM	REVISION	DATE	BY	SYM	REVISION	DATE	BY
WRITTEN BY : S.M.TSAI				CUSTOMER : GENERAL			
REVIEWED BY : H.Y.LIN				DISTRIBUTION :			
APPROVED BY : T.J.LEE							

CTS COMPONENTS TAIWAN, LTD.

ENGINEERING SPECIFICATION		SPEC NO. EN-SPE-212001A
SPECIFICATION : 212 SERIES SELECTOR SWITCH	DATE 03-19-02'	PAGE OF 2 OF 2

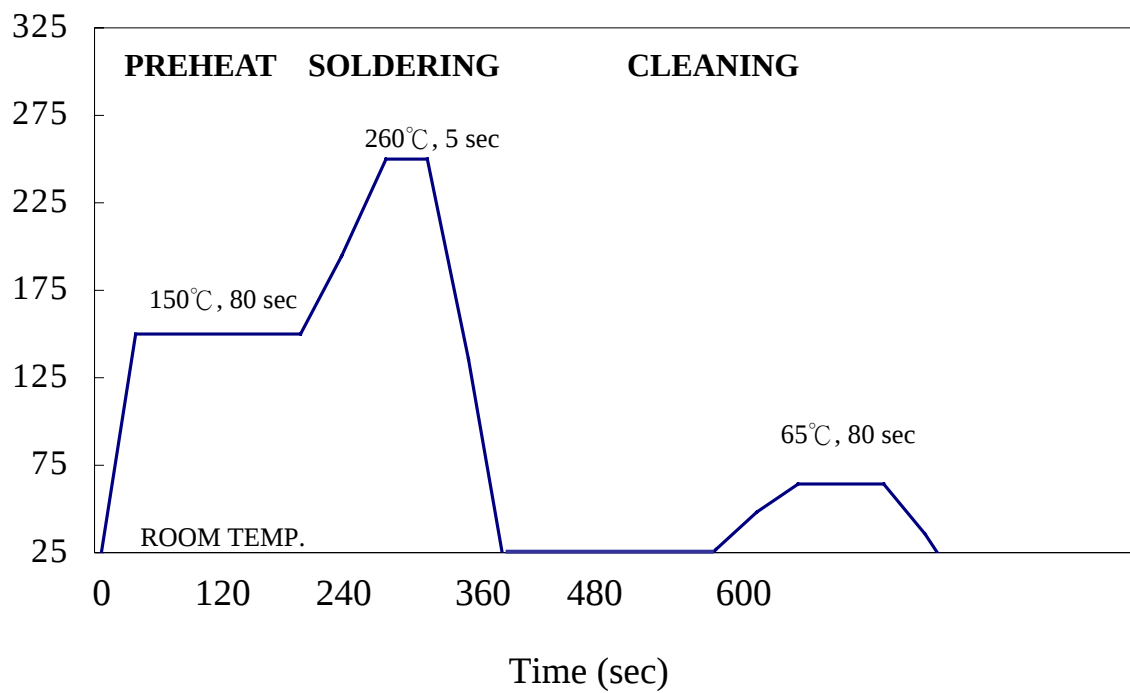
3.0 ELECTRICAL CHARACTERISTICS :

- 3.1 CONTACT RESISTANCE : 0.015 OHMS MAX MEASURED FROM ONE TERMINAL TO AN ADJACENT TERMINAL. (WHEN IS NOT ADJACENT, UP TO 180° APART, WILL MEASURE MUCH HIGHER DUE TO THE EXTRA METAL IN THE CIRCUIT) . THE CIRCUIT RESISTANCE CHECK MEASURE ALL THE METAL IN THE CIRCUIT.
- 3.2 CONTACT LIFE : ROTATION THROUGH 12 POSITIONS AND RETURN WITHOUT APPRECIABLE RISE IN CONTACT RESISTANCE
UNLOADED : 50,000 CYCLES
LOADED (RESISTIVE) : 10,000 CYCLES
- 3.3 RATING :
¾ AMP @ 125 VAC
¼ AMP @ 250 VDC (SHORTING TYPE ONLY)
½ AMP @ 125 VDC (SHORTING TYPE ONLY)
¼ AMP @ 28 VDC (SPECIAL RATING)
- 3.4 HI POT TEST :
BETWEEN ADJACENT 15 DEG. CIRCUITS : 750 VAC RMS FOR 1 MINUTE
BETWEEN GROUND AND NEAREST TERMINAL : 1500 VAC FOR 1 MINUTE
THE TEST VOLTAGE SHALL BE APPLIED BETWEEN ALL EVEN-NUMBERED CONTACTS TIED TOGETHER AND ALL ODD-NUMBERED CONTACTS TIED TOGETHER AND BETWEEN EACH OF THIS GROUP AND THE SWITCH FRAME FOR EACH SWITCH.

4.0 RoHS COMPLIANCE : THIS PART IS COMPLIANT WITH EU RoHS DIRECTIVE.

SYM	REVISION	DATE	BY	SYM	REVISION	DATE	BY
WRITTEN BY : S.M.TSAI REVIEWED BY : H.Y.LIN APPROVED BY : T.J.LEE				CUSTOMER : GENERAL DISTRIBUTION :			

212 SOLDERING PROCESS



1.The temperature is referring to PC board, soldering or cleaning water temperature.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.