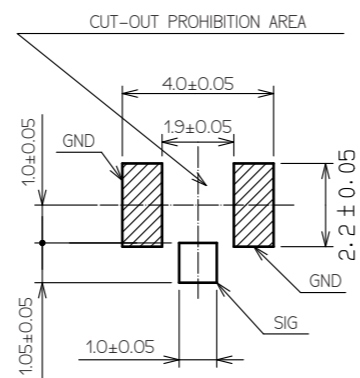
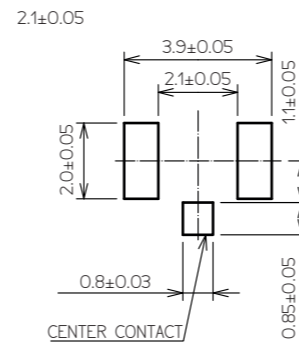


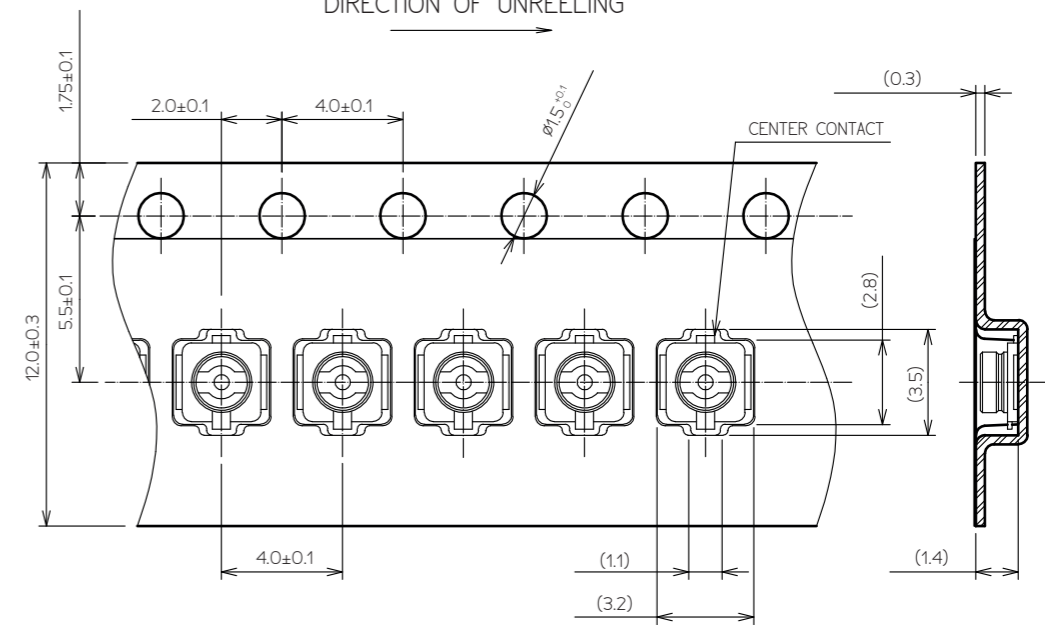
RECOMMENDED PCB LAYOUT  
(MOUNTING SURFACE SIDE) (5:1)



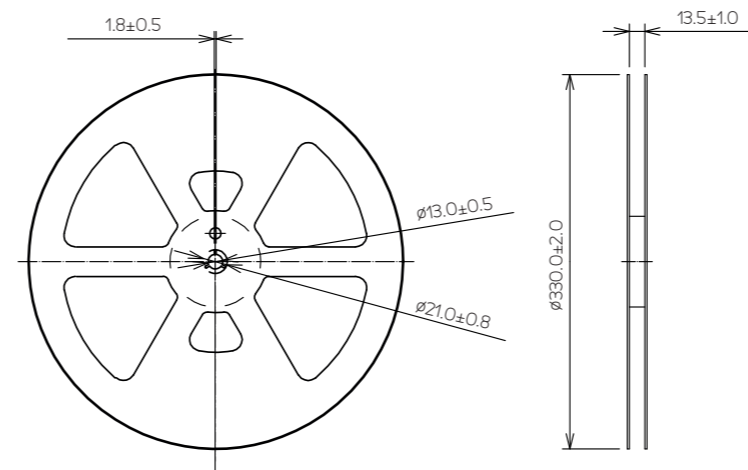
RECOMMENDED METAL MASK DIMENSIONS (5:1)  
METAL MASK THICKNESS: 0.1mm/0.12mm



EMBOSSD TAPING DRAWING (4:1)  
DIRECTION OF UNREELING

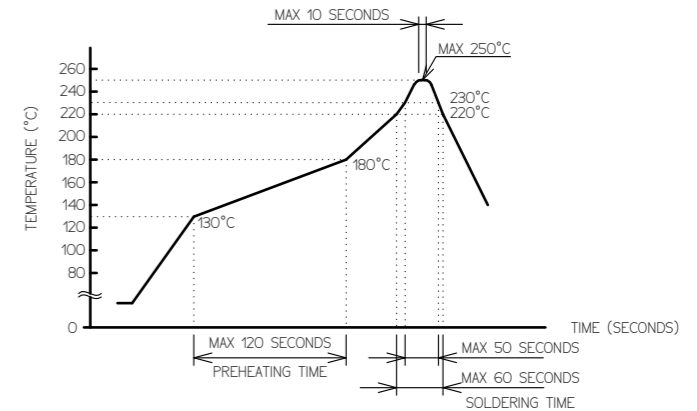


REAL DRAWING (SCALE FREE)



MATERIAL: PS (BLACK)

REFLOW TEMPERATURE PROFILE USING  
LEAD-FREE SOLDER PASTE (REFERENCE)



- REFLOW TIME  
REFLOW METHOD: IR REFLOW  
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.  
DURATION ABOVE 220°C, 60 SEC. MAX.  
DURATION ABOVE 230°C, 50 SEC. MAX.  
(PEAK TEMPERATURE: 250°C, 10 SEC MAX.)
- PRE-HEAT TIME  
PRE-HEAT TEMPERATURE (MIN): 130°C  
PRE-HEAT TEMPERATURE (MAX): 180°C  
PRE-HEAT TIME: 120 SEC. MAX.

THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.  
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE,  
PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,  
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION.  
TEMPERATURE IS MEASURED AT CONTACT LEAD.

NOTE 1. THE QUANTITY OF U.FL-R-SMT-1(80) IS 10000 CONNECTORS PER REEL.

2 THIS DIMENSION SHOWS THE ALLOWABLE RANGE THAT THE RESIN IS PUT OVER THE CENTER CONTACT.

3. LEAD CO-PLANARITY SHALL BE 0.1 MAX

4. FOR THE POSSIBILITY OF BREAKAGE OR DEFORMATION DO NOT MATE THIS CONNECTOR WITH PARTNER, U.FL PULG BEFORE MOUNTING ON PC BOARD.

5. USE ALL COMPONENT WITHIN 6 MONTHS AFTER THE DELIVERY.  
STORE IN MANUFACTURER'S PACKAGE OR TIGHTLY RE-CLOSED BOX WITH THE FOLLOWING CONDITIONS.  
USE THIS PRODUCT WITHIN 6 MONTHS AFTER RECEIPT.  
CHECK THE TERMINAL SOLDERABILITY BEFORE USE IF THE PRODUCT HAS BEEN STORED FOR MORE THAN 6 MONTHS.

TEMPERATURE: -10°C TO +40°C  
HUMIDITY: 15 TO 85% RH.

6. ENVIRONMENT CONDITION  
DO NOT USE THE PRODUCT UNDER THE ENVIRONMENTAL CONDITION AS SHOWN ABOVE DUE TO POSSIBLE  
DETERIORATION OF PRODUCTS.

SPECIAL GAS ATMOSPHERE (HYDROGEN SULFIDE GAS, SULFUR SULFIDE GAS AND HYDROGEN SULFIDE GAS)  
PLACE ATTENTION REQUIRED: HEATING SYSTEM, AREA NEAR HOT SPRING, VOLCANIC MOUNTAIN AND ALIKE  
WATER SPLASHED AND CONDENSATION PLACES.  
PLACE ATTENTION REQUIRED: HARSH TEMPERATURE CHANGE.

10000 CONNECTORS PER PLASTIC REEL.  
RoHS COMPLIANT

2	BRASS	GOLD PLATING 0.1μm MIN NICKEL UNDER PLATING 1.27μm MIN						
1	PHOSPHOR BRONZE	SILVER PLATING 2.0μm MIN						3
NO.	MATERIAL	FINISH, REMARKS		NO.	MATERIAL	FINISH, REMARKS		
UNITS		SCALE	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
mm		10:1						
APPROVED : NK. NINOMIYA				17.06.27		DRAWING NO. EDC-302540-80-80		
CHECKED : NK. NINOMIYA				17.06.27		PART NO. U.FL-R-SMT-1(80)		
DESIGNED : MT. KANEKO				17.06.26		CODE NO. CL331-0472-2-80		
DRAWN : MT. KANEKO				17.06.26				
				HIROSE ELECTRIC CO., LTD.				