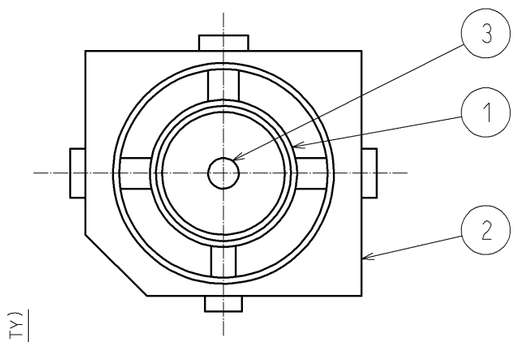
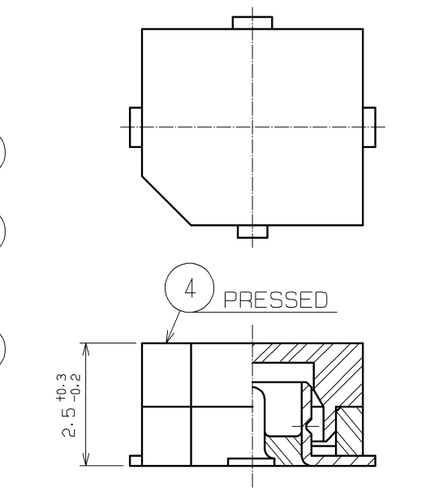
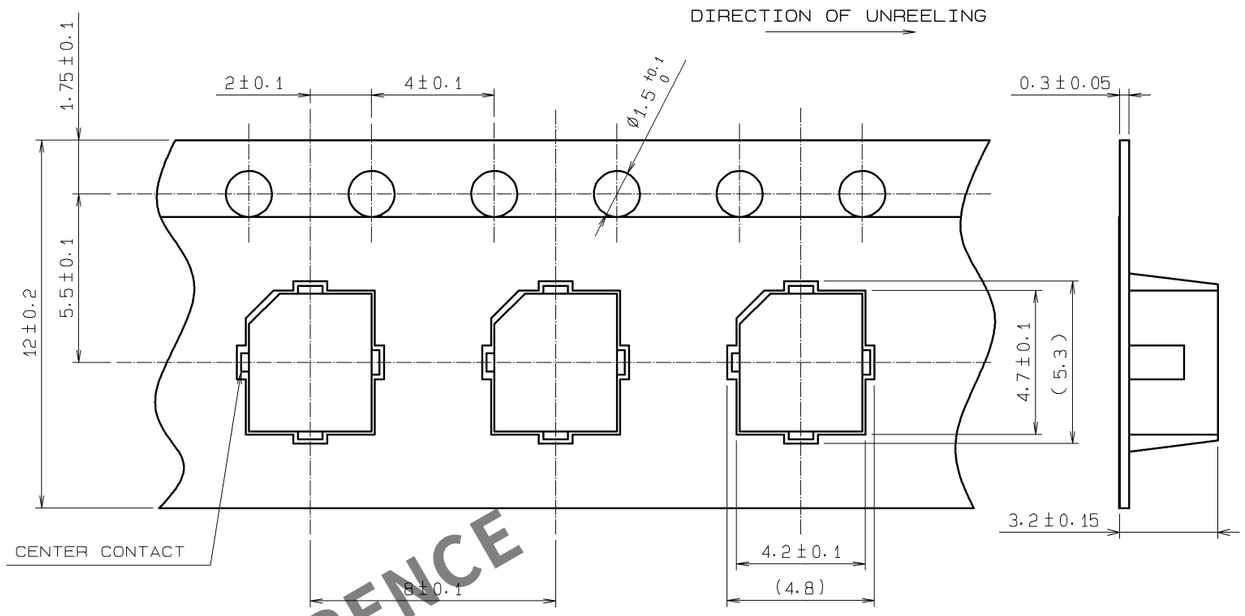
Aug.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

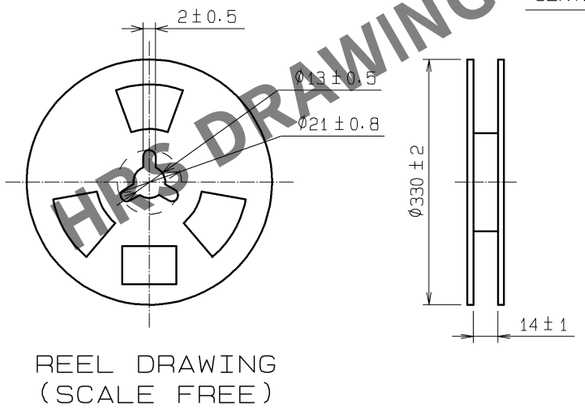




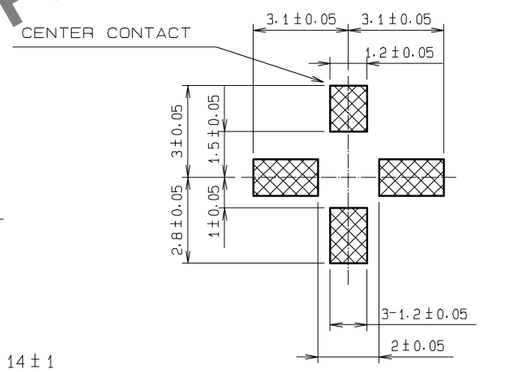
CONSTRUCTION AT SHIPPING(5:1)



ENBOSSED TAPING DRAWING (5:1)



REEL DRAWING
(SCALE FREE)



RECOMMENDED PC BOARD
PATTERN DRAWING(5:1)

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

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

HRS DRAWING FOR REFERENCE

RoHS COMPLIANT

NOTE 1. THE QUANTITY OF H.FL-R-SMT(C)(10) IS 2500 CONNECTORS PER REEL.

2. REMOVE THE CAP, REF.NO.4 AFTER MOUNTING.

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

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	LCP	(BLACK), UL94V-0	4	PA	(BEIJE), UL94V-0
1	PHOSPHOR BRONZE	SILVER PLATED	3	BRASS	GOLD PLATED

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	10 : 1					

HIROSE ELECTRIC CO., LTD.

APPROVED	MH. YAMANE	11. 08. 02
CHECKED	NK. NINOMIYA	11. 08. 02
DESIGNED	YI. FUNADA	11. 08. 02
DRAWN	YI. FUNADA	11. 08. 02

DRAWING NO.	EDC3-047051-95
PART NO.	H. FL-R-SMT(C)(10)
CODE NO.	CL331-0522-9-10

△ 1/1