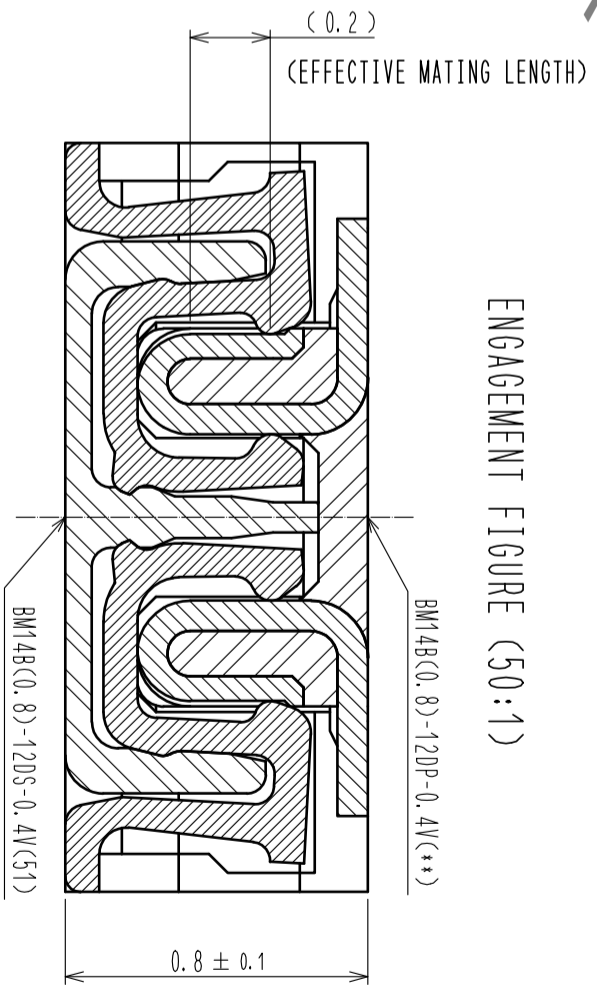
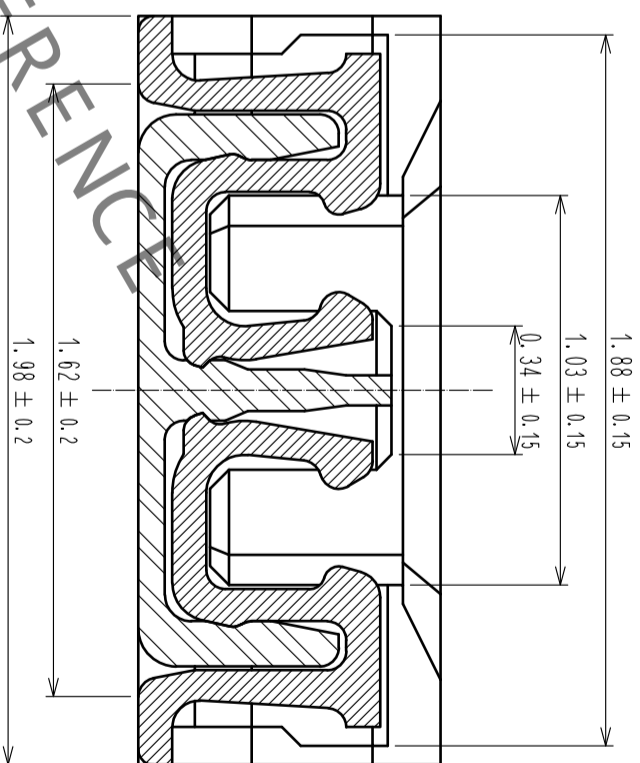


HRS DRAWING FOR REFERENCE



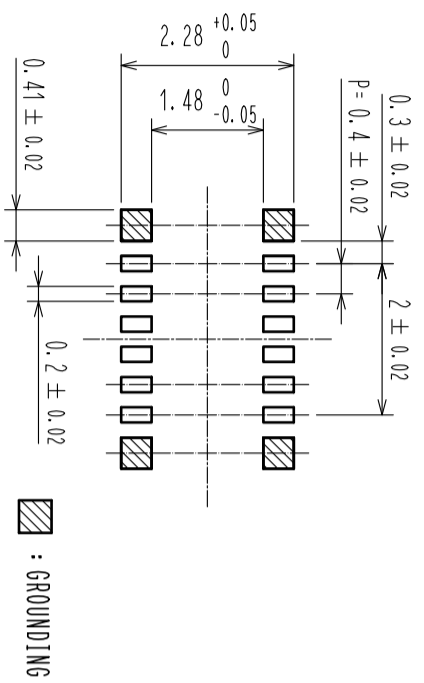
- NOTE)
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
 - 2. CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
 - 3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.
 - 4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
 - 5. GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
2	PHOSPHOR BRONZE	CLEAR (EMBOSSED CARRIER TAPE)	5	PS	BLACK (REINFORCEMENT COLLAR)
3	PS	CLEAR (REINFORCEMENT COLLAR)	6	PS	BLACK (PLASTIC REEL)

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

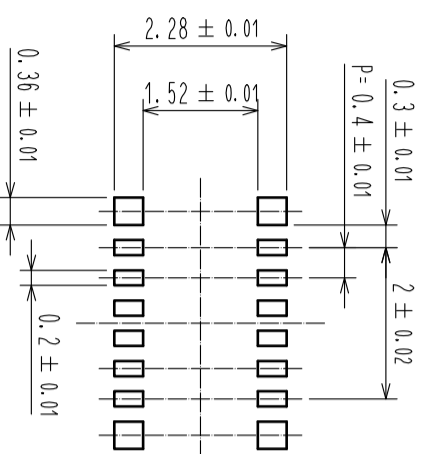
APPROVED	MO. ISHIDA	15.09.30	DRAWING NO.	EDC-329242-51-01
CHECKED	TS. MIYAZAKI	15.09.30	PART NO.	BM14B(0.8)-12DS-0.4V(51)
DESIGNED	SH. HOSODA	15.09.30	CODE	CL684-8041-4-51
DRAWN	KR. AJITO	15.09.30	NO.	

◆ RECOMMENDED PCB LAYOUT

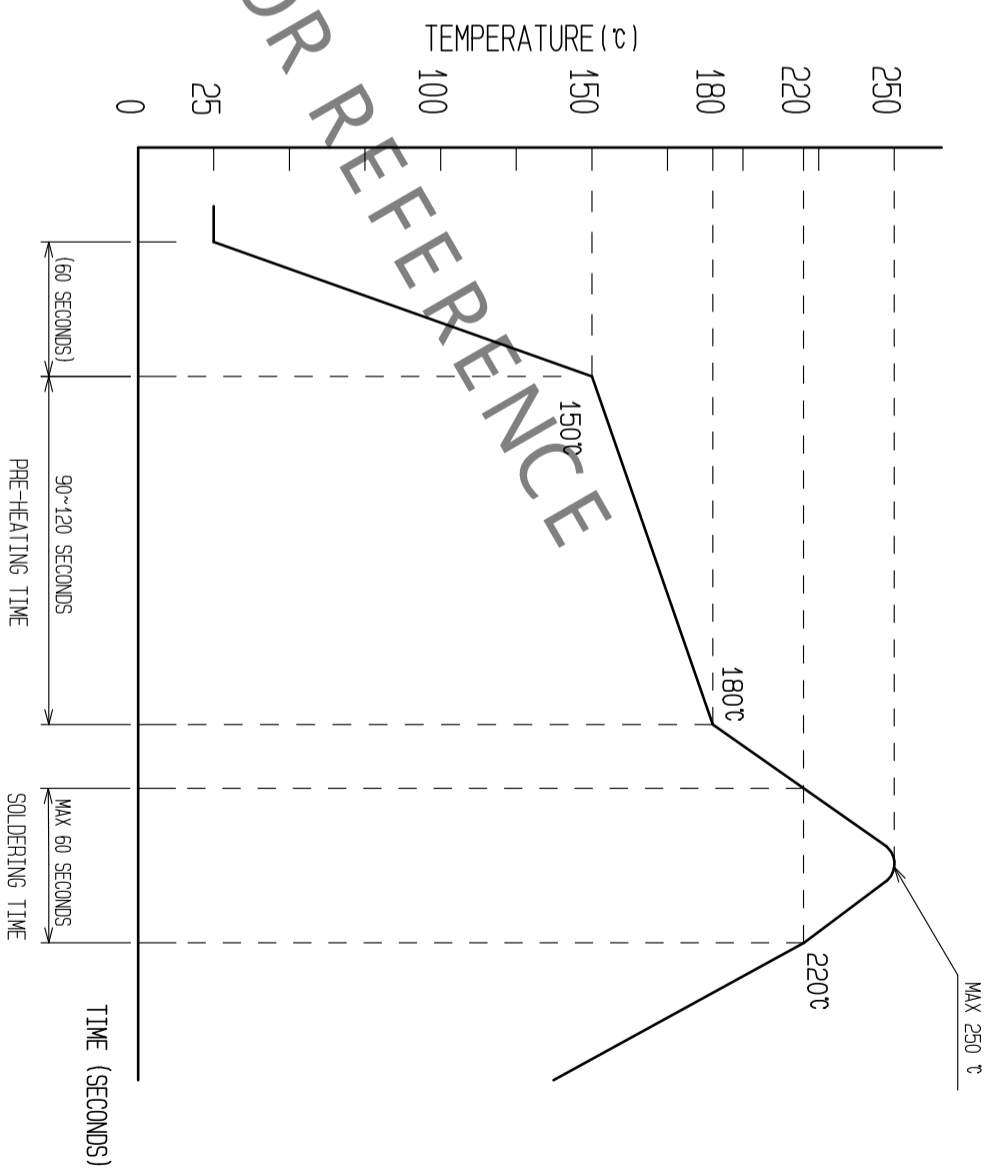


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100 μm



6 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.

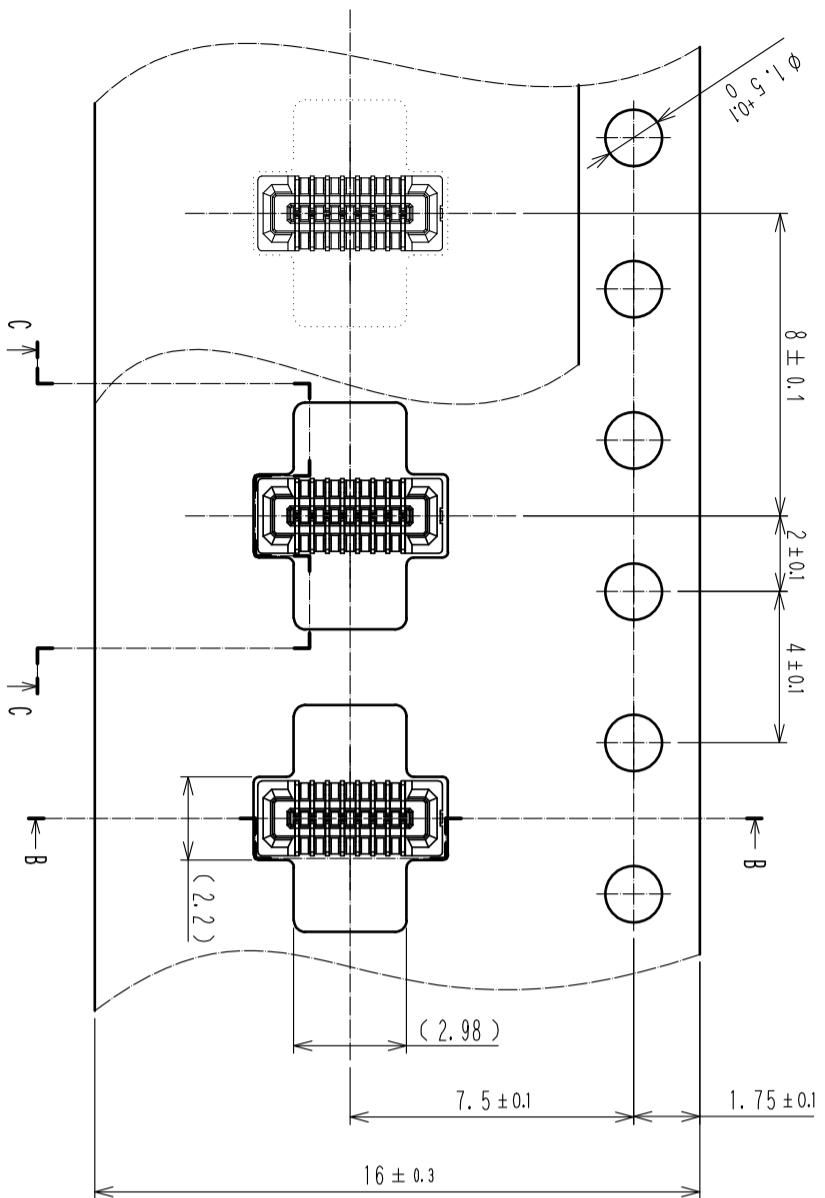


- REFLOW METHOD: IR REFLOW
 NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
 1) REFLOW TIME
 DURATION ABOVE 220c, 60 SEC. MAX.
 (PEAK TEMPERATURE: 250c MAX)
 2) PRE-HEAT TIME
 PRE-HEAT TEMPERATURE(MIN): 150c
 PRE-HEAT TEMPERATURE(MAX): 180c
 PRE-HEAT TIME: 90-120 sec.

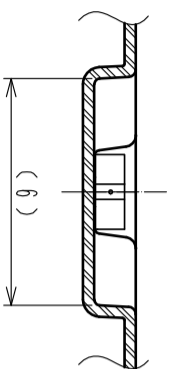
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS DRAWING FOR REFERENCE

EMBOSSED CARRIER TAPE PACKAGING (5:1)

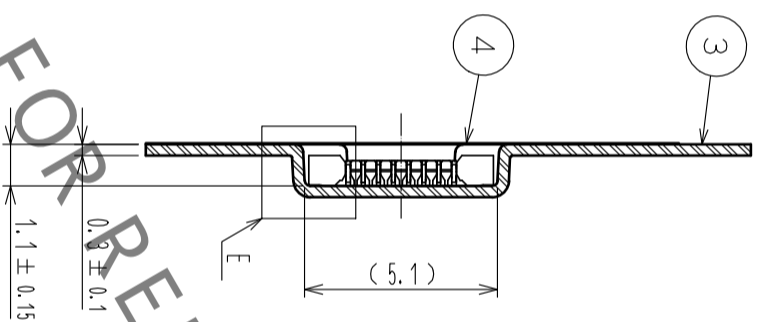


C-C (5:1)

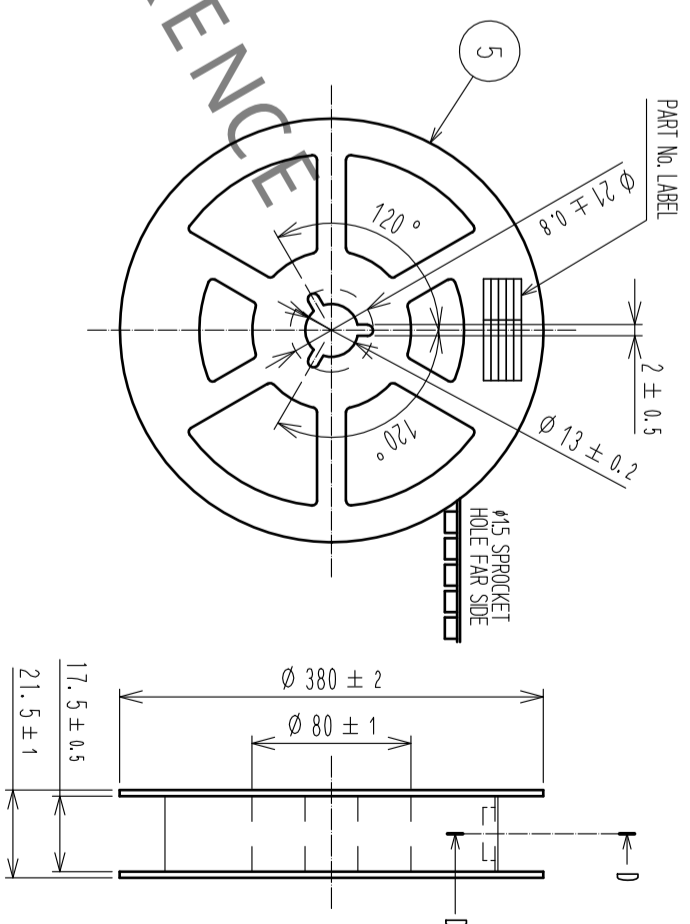


DIRECTION OF UNREELING

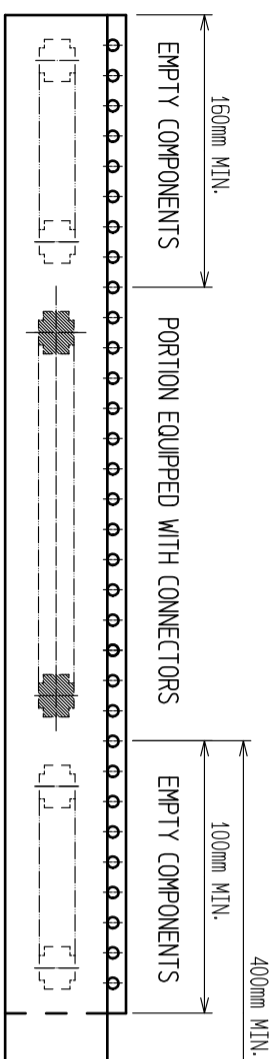
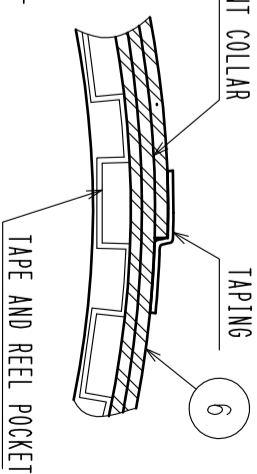
B-B (5:1)



STYLE AND DIMENTION OF REEL (FREE)



D-D (FREE)



TRAILER

9 TAPING (FREE)

LEADER

HRS DRAWING FOR REFERENCE

DETAIL OF PART NO. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL684-8041-4-51
製品名	BM14B(0.8)-12DS-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

- PER REEL 8000 CONNECTORS.
- THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
- AFTER PACKAGING, ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET, AND TAPE DOWN AT THE END THE COLLAR.