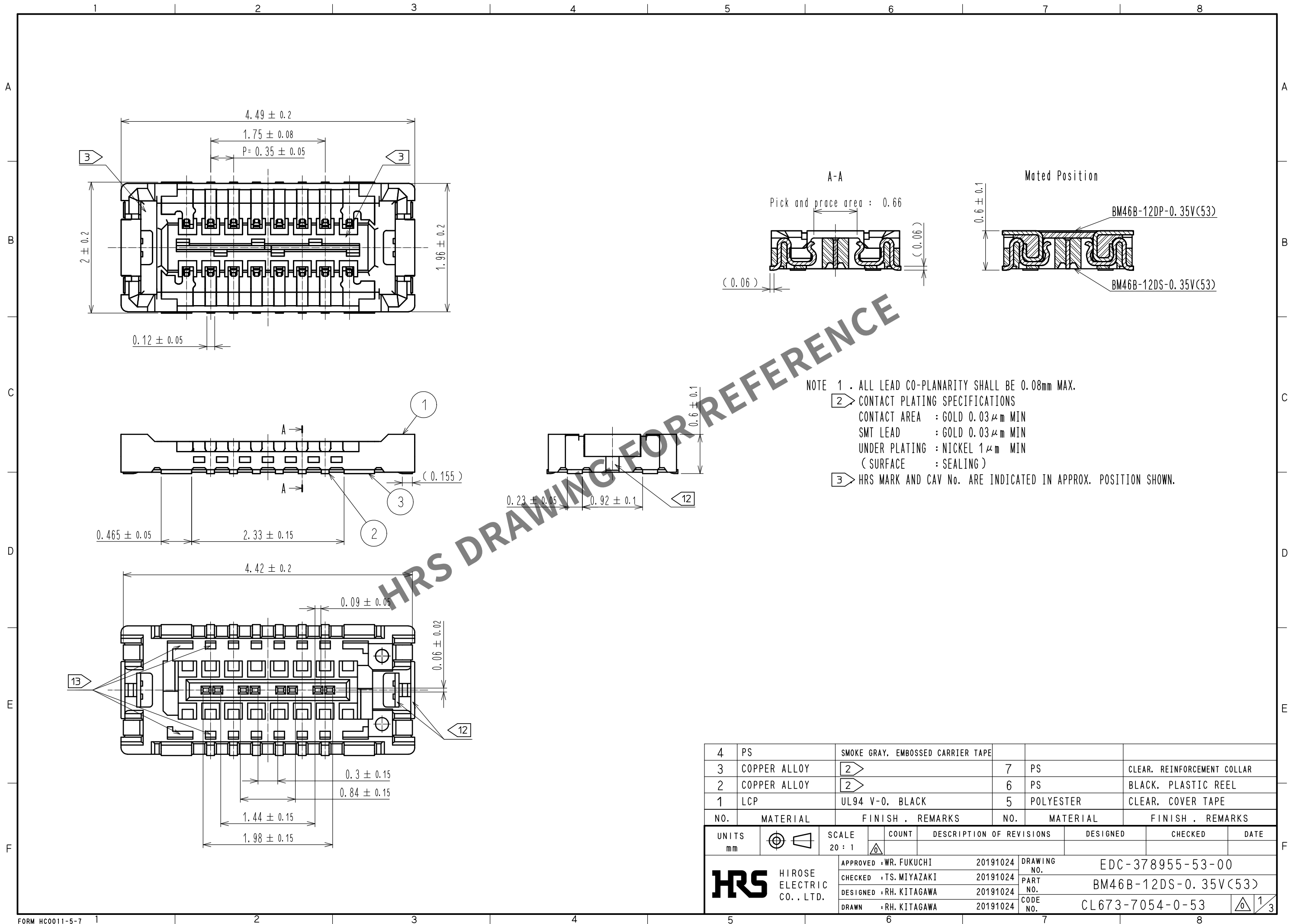
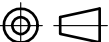
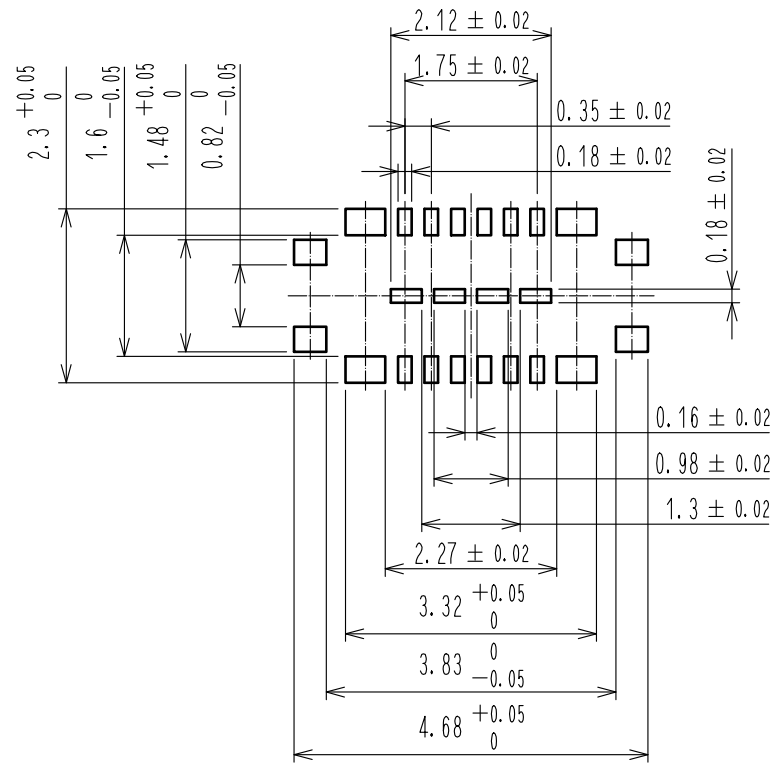


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

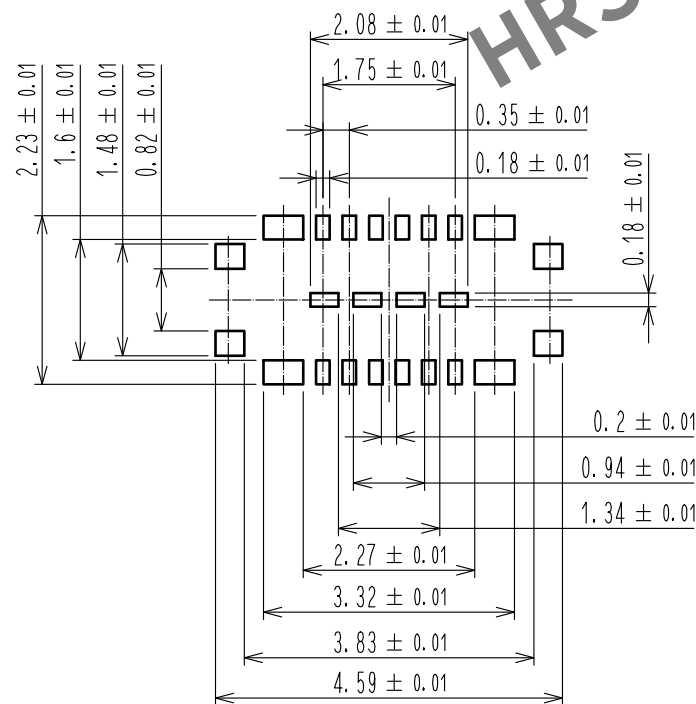


4	PS	SMOKE GRAY, EMBOSSED CARRIER TAPE						
3	COPPER ALLOY	2		7	PS	CLEAR, REINFORCEMENT COLLAR		
2	COPPER ALLOY	2		6	PS	BLACK, PLASTIC REEL		
1	LCP	UL94 V-0, BLACK		5	POLYESTER	CLEAR, COVER TAPE		
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS		
UNITS mm		SCALE 20 : 1	 COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.		APPROVED	,WR. FUKUCHI		20191024	DRAWING NO. EDC-378955-53-00		
		CHECKED	,TS. MIYAZAKI		20191024	PART NO. BM46B-12DS-0.35V(53)		
		DESIGNED	,RH. KITAGAWA		20191024	CODE NO. CL673-7054-0-53		
		DRAWN	,RH. KITAGAWA		20191024	 1/3		

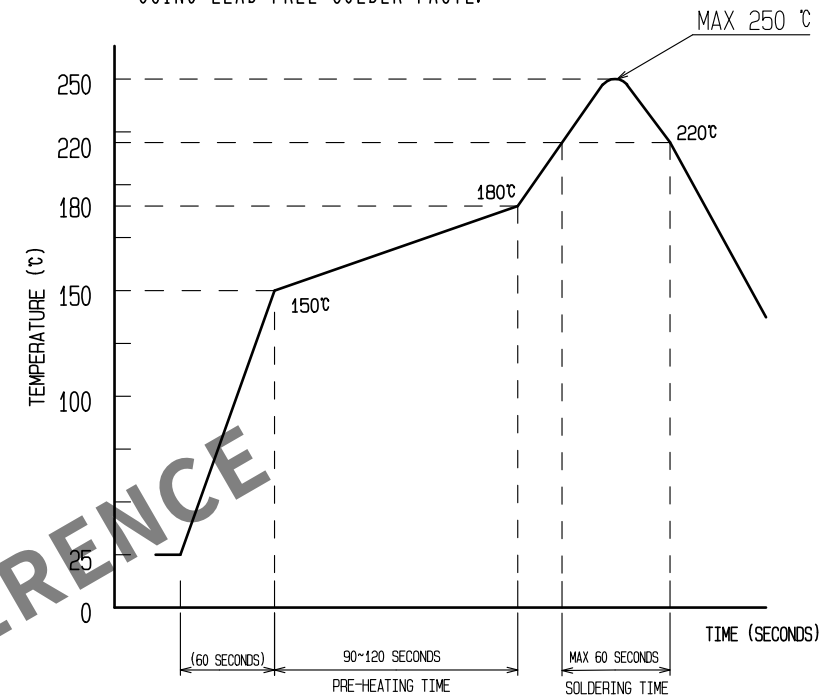
RECOMMENDED PCB LAYOUT (10:1)



RECOMMENDED METAL MASK DIMENSIONS (10:1)
METAL MASK THICKNESS : 80 μm



4. 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 220°C, 60 SEC MAX.
(PEAK TEMPERATURE: 250°C MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE (MIN): 150°C
PRE-HEAT TEMPERATURE (MAX): 180°C
PRE-HEAT TIME: 90-120 SEC.

4. 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.
5. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.
6. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.
7. THIS PRODUCT COMPLY WITH RoHS.

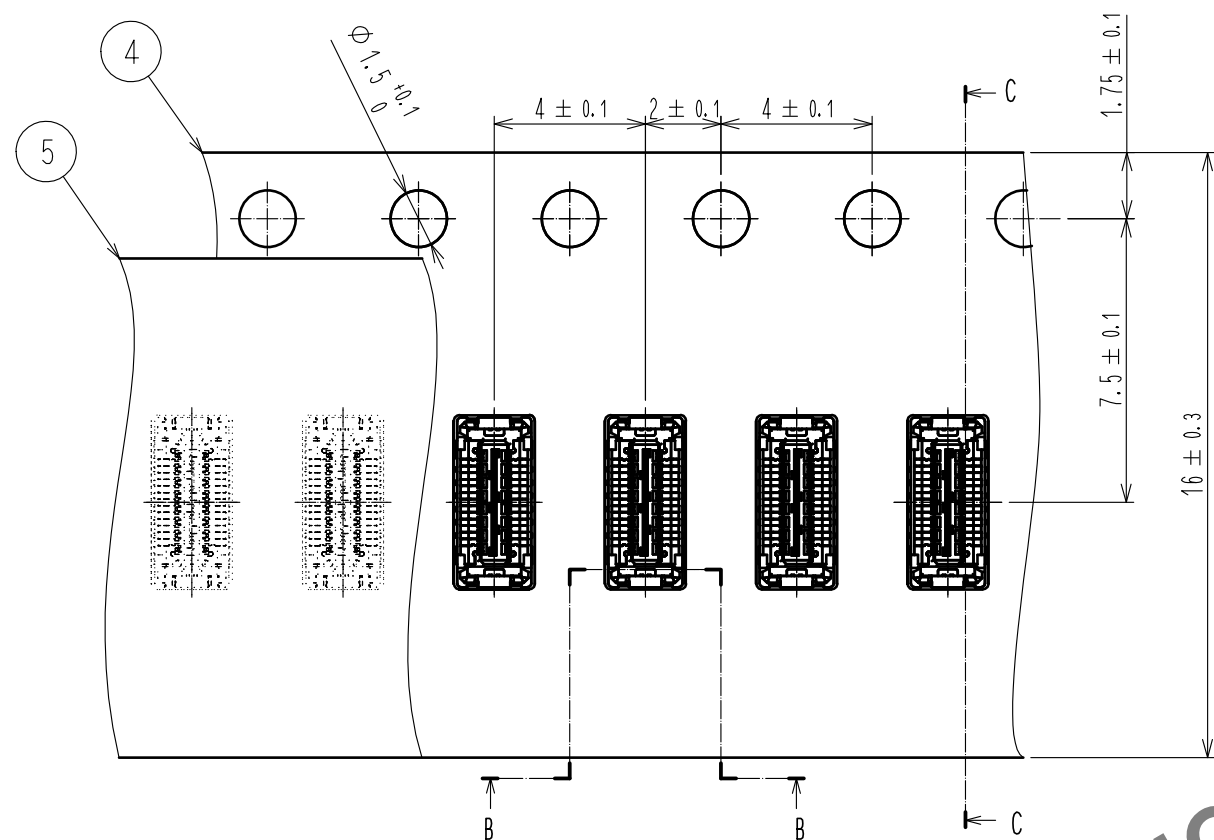
HRS

DRAWING NO.	EDC-378955-53-00
PART NO.	BM46B-12DS-0.35V(53)
CODE NO.	CL673-7054-0-53

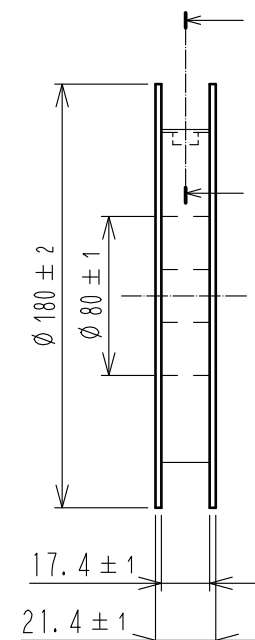
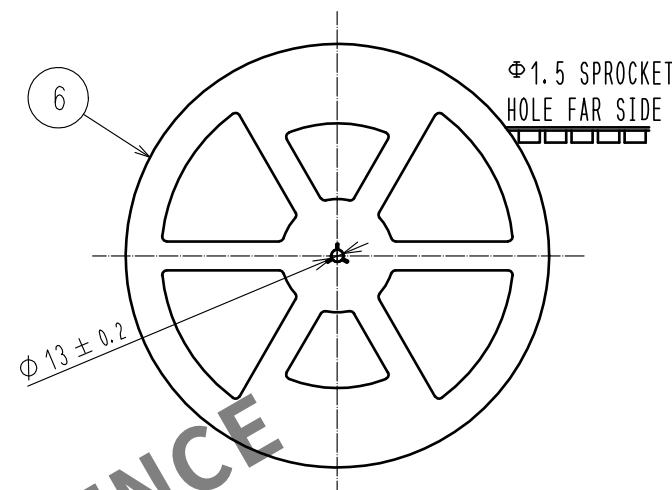
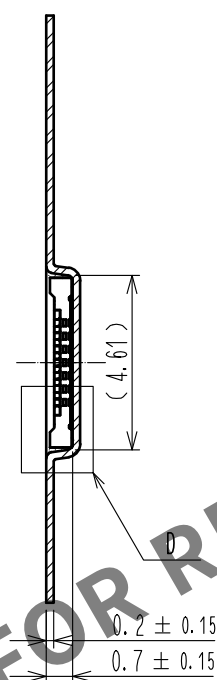
2/3

EMBOSED CARRIER TAPE PACKAGING (5:1)

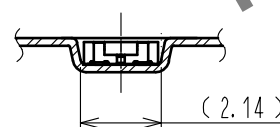
STYLE AND DIMENSION OF REEL (FREE)



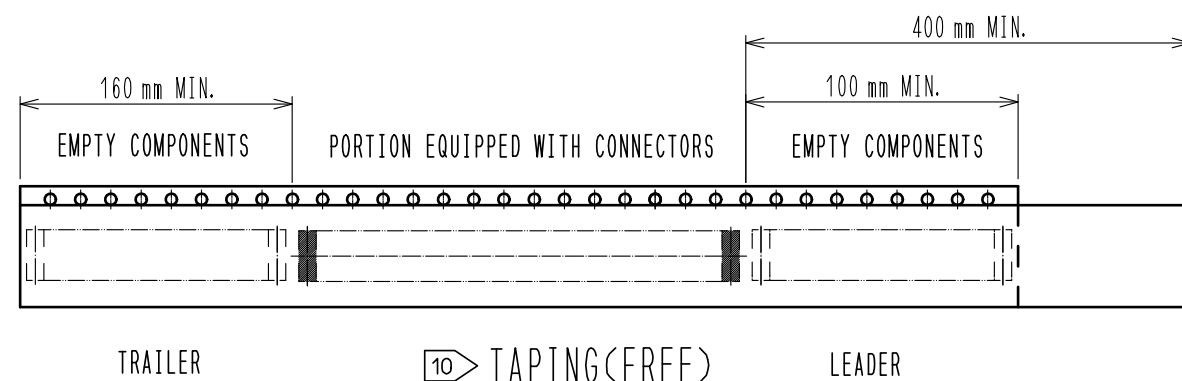
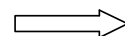
C-C (5:1)



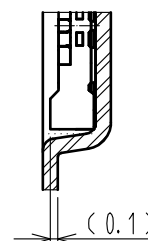
B-B (5:1)



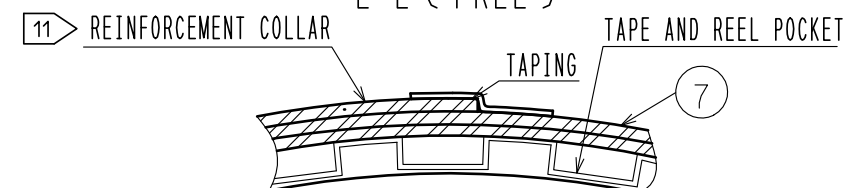
DIRECTION OF UNREELING



D (10:1)



E-E (FREE)



(LABEL DELETED)

- 8 . PER REEL 1,000 CONNECTORS.
- 9 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- 10 REFER TO IEC 60286-3 (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
- 11 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.
- 12 . METAL OR RESIN IS ACCEPTABLE FOR THIS AREA.
- 13 . NO GOLD PLATING IS ACCEPTABLE FOR THIS AREA.

HRS

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