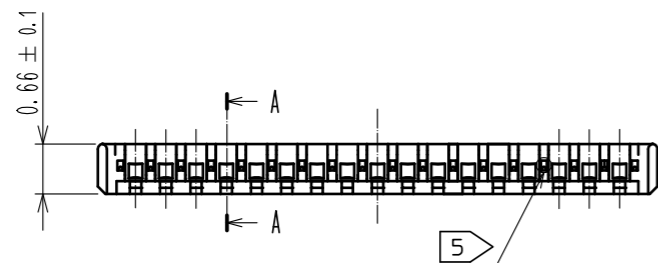
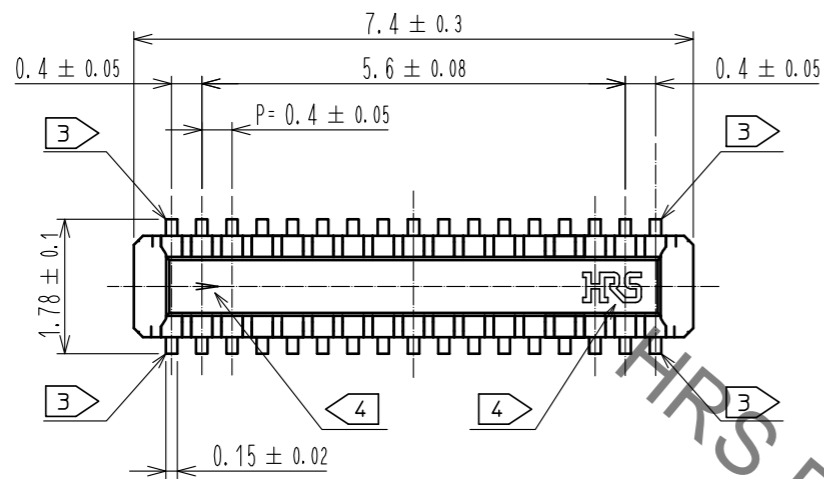
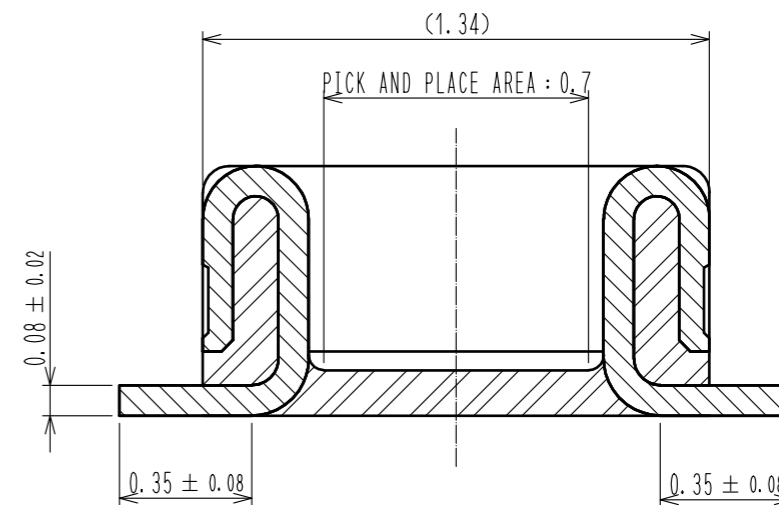


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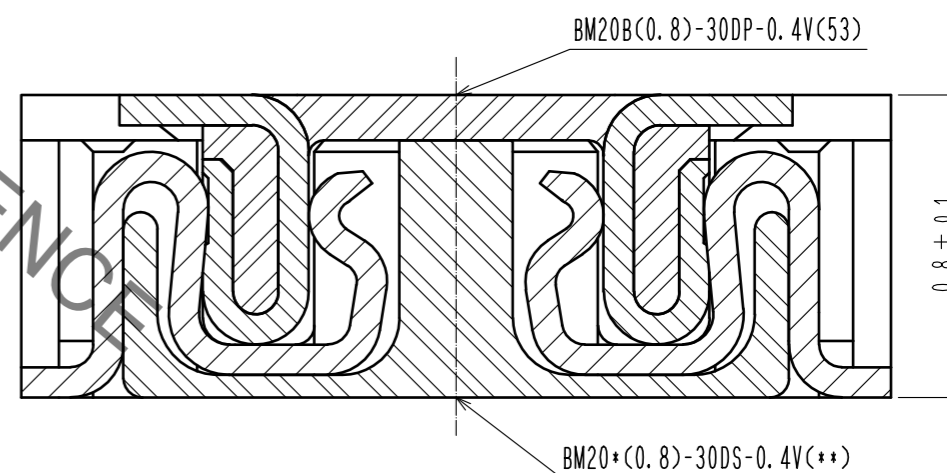


- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
- 2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μm MIN
SMT LEAD : GOLD 0.05 μm MIN
UNDER PLATING : NICKEL 1 μm MIN
(SURFACE : SEALING)
 - 3 EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
 - 4 HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
 - 5 A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)



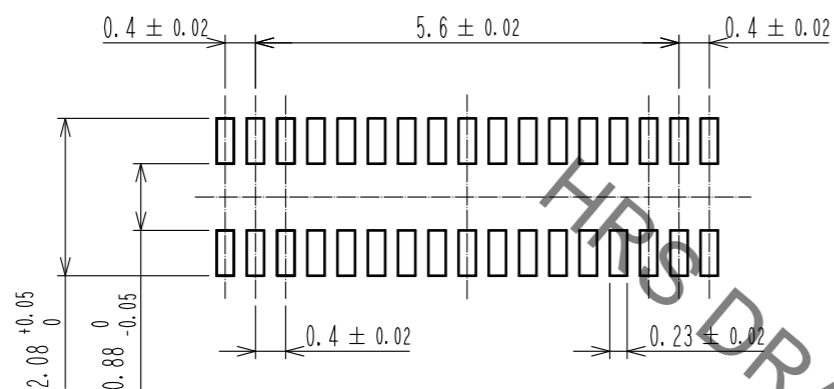
ENGAGEMENT FIGURE (50:1)



3	PS	CLEAR (EMBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)				
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)				
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)				
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS				
UNITS	mm	SCALE	10:1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
HIROSE ELECTRIC CO., LTD.		APPROVED	: WR. FUKUCHI	20200114	DRAWING NO. EDC-332310-53-00				
		CHECKED	: TS. MIYAZAKI	20200114					PART NO. BM20B(0.8)-30DP-0.4V(53)
		DESIGNED	: KT. KUSAKA	20200114					CODE NO. CL684-9004-3-53
		DRAWN	: MN. SATOH	20200109					

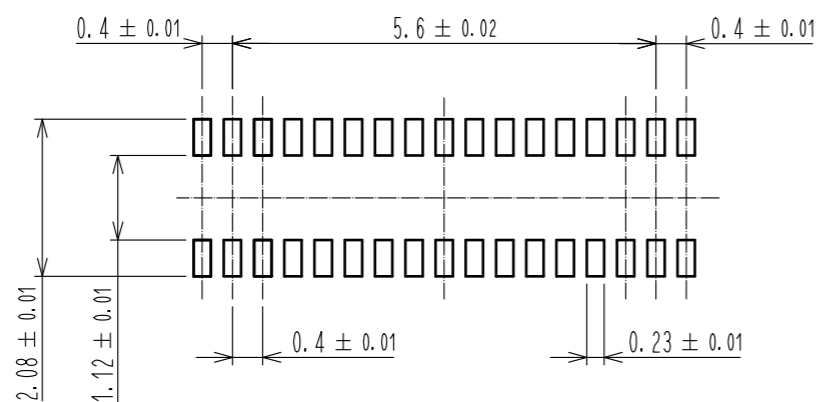
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◆ RECOMMENDED PCB LAYOUT

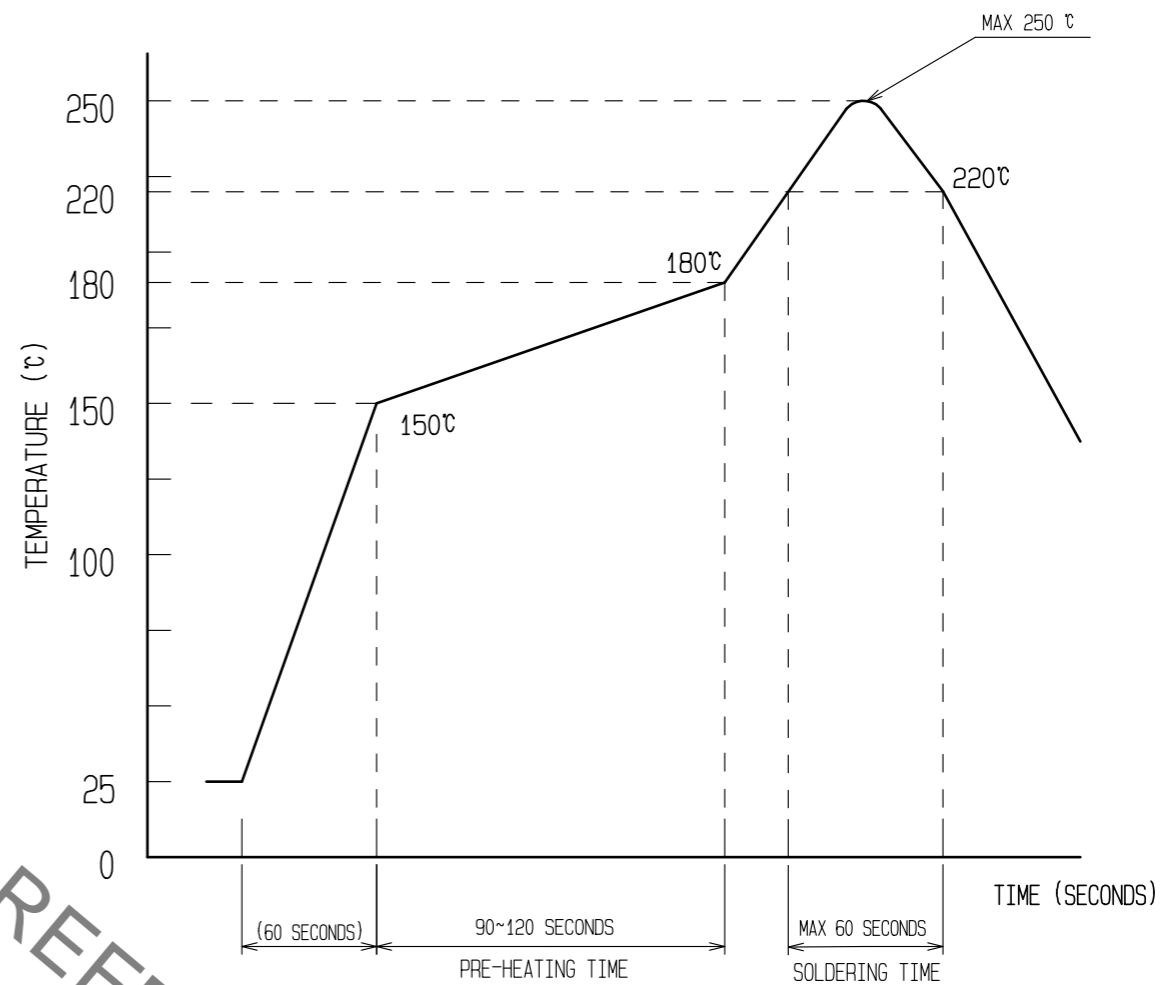


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : $100 \mu\text{m}$



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 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.

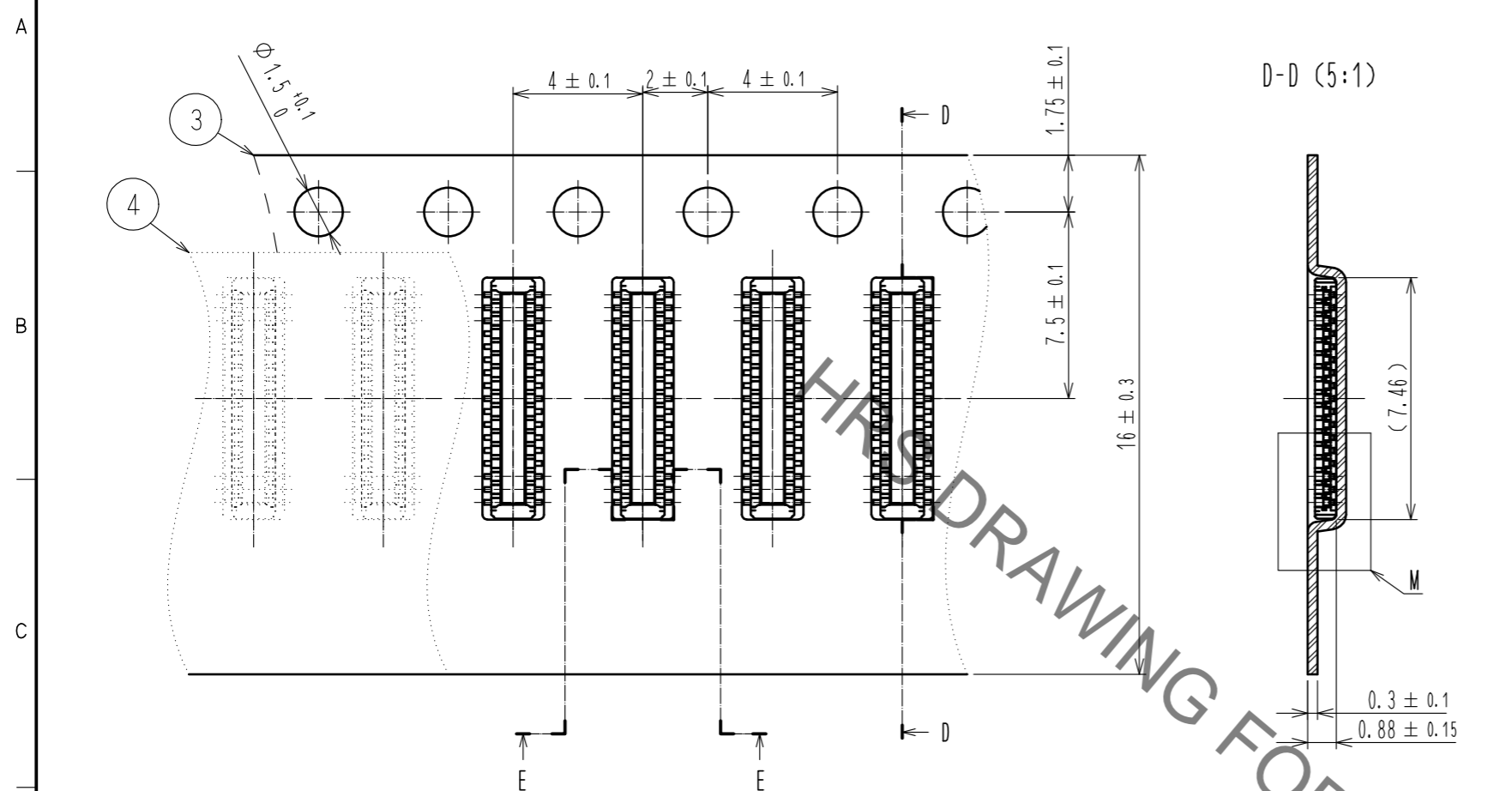
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE, A THOROUGH EVALUATION OF MOUNTING COONDITION IS REQUIRED PRIOR TO PRODUCTION. TEPERATURE IS MEASURED AT CONTACT LEAD.

HRS	DRAWING NO.	EDC-332310-53-00
	PART NO.	BM20B(0.8)-30DP-0.4V(53)
	CODE NO.	CL684-9004-3-53

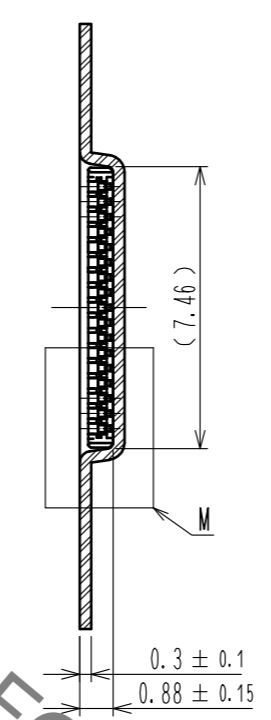
2/3

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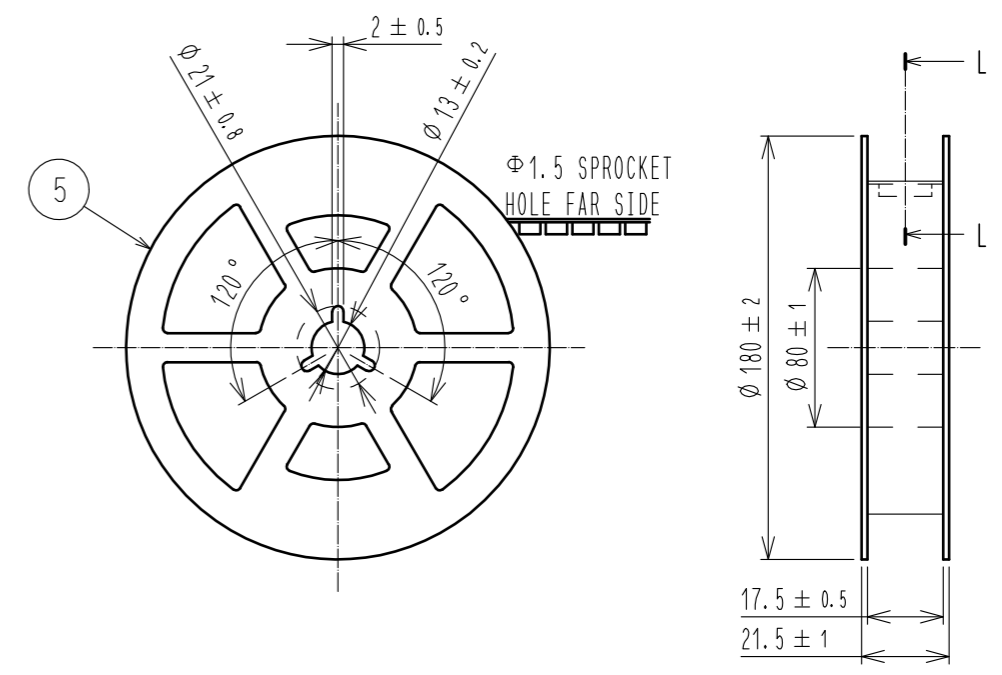
EMBOSED CARRIER TAPE PACKAGING (5:1)



D-D (5:1)

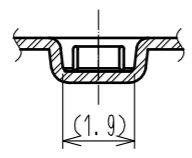


STYLE AND DIMENSION OF REEL (FREE)

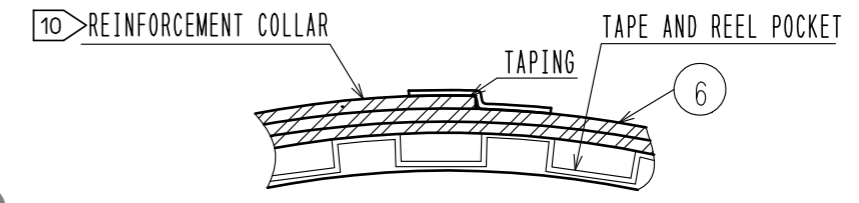


DIRECTION OF UNREELING →

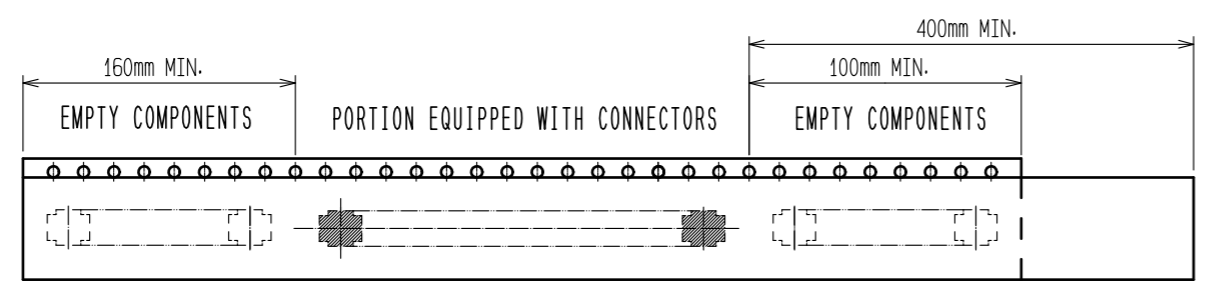
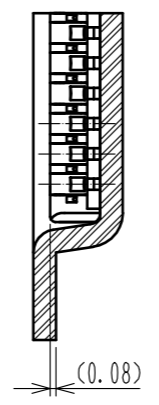
E-E (5:1)



L-L (FREE)



M (10:1)



9 TAPING(FREE)

- 7. PER REEL 1000 CONNECTORS.
- 8. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- 9 REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING).
- 10 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.

HRS	DRAWING NO.	EDC-332310-53-00	
	PART NO.	BM20B(0.8)-30DP-0.4V(53)	
	CODE NO.	CL684-9004-3-53	3/3

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