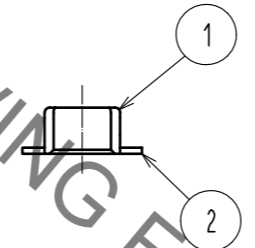
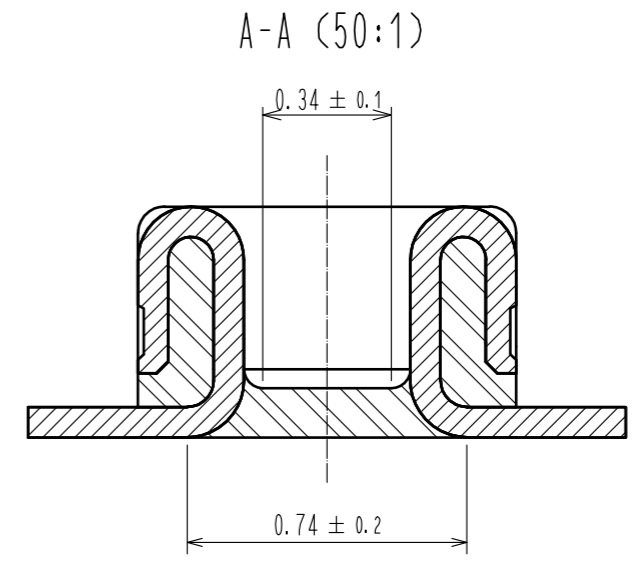
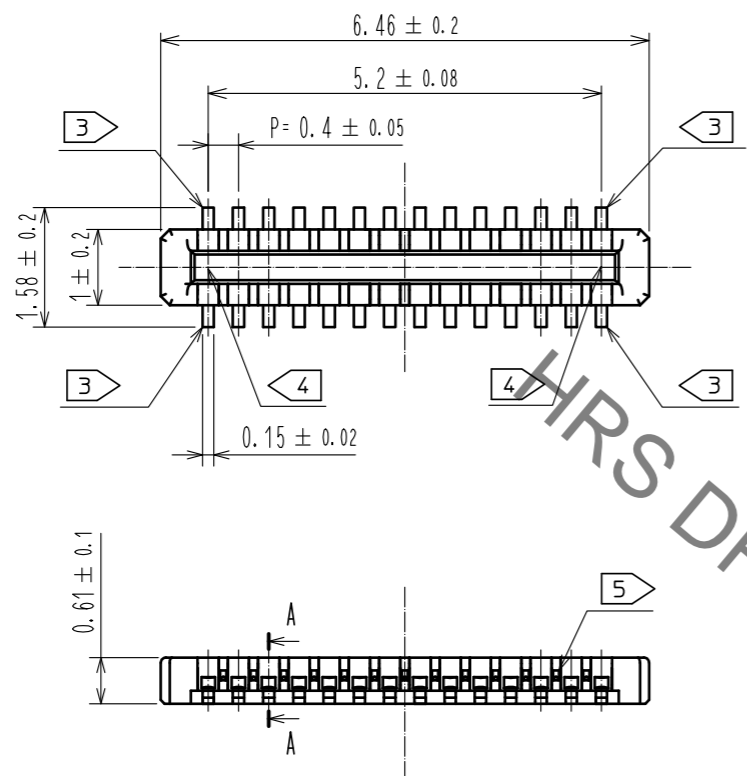
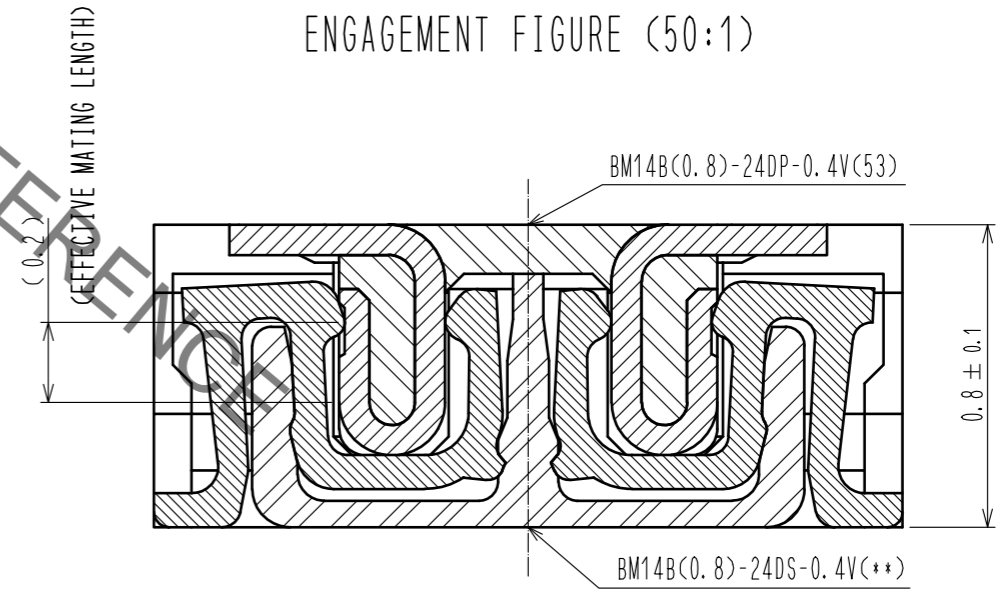


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ENGAGEMENT FIGURE (50:1)

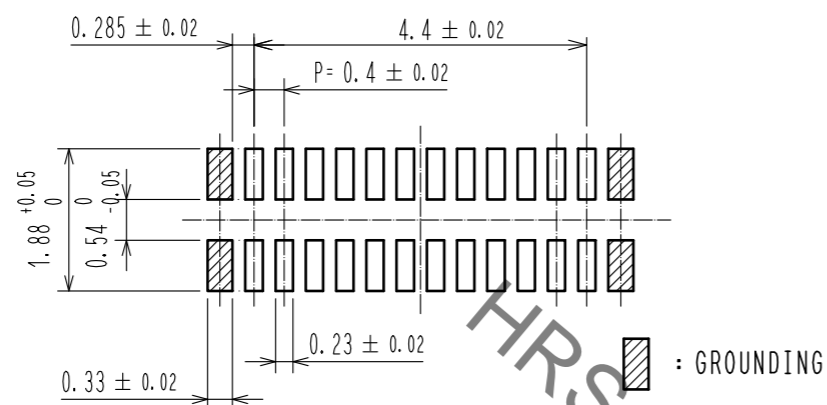


- NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX  
 2 . CONTACT PLATING SPECIFICATIONS  
     CONTACT AREA : GOLD 0.05 μm MIN  
     SMT LEAD : GOLD 0.05 μm MIN  
     UNDERPLATING : NICKEL 1 μm MIN  
     (SURFACE : SEALING)  
 3 . EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND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

3	PS	CLEAR (ENBOSSED 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
<b>HRS</b> HIROSE ELECTRIC CO., LTD.		APPROVED : MO. ISHIDA	17.01.19	DRAWING NO. EDC-319847-53-00				
		CHECKED : TS. MIYAZAKI	17.01.19	PART NO. BM14B(0.8)-24DP-0.4V(53)				
		DESIGNED : NY. YAMASHIRO	17.01.19	CODE NO. CL684-8012-6-53				
		DRAWN : SN. NUMAZAKI	17.01.18					

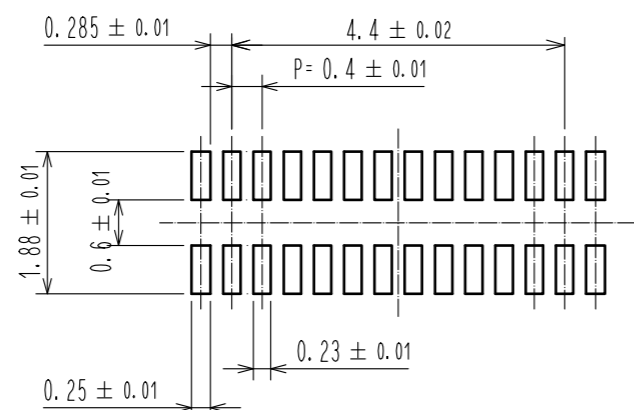
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◆ RECOMMENDED PCB LAYOUT

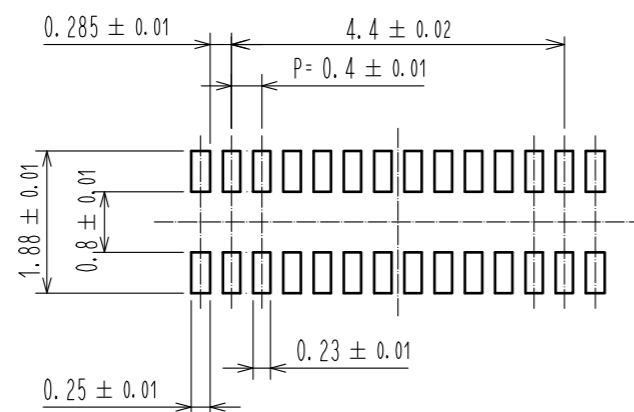


◆ RECOMMENDED METAL MASK DIMENSIONS

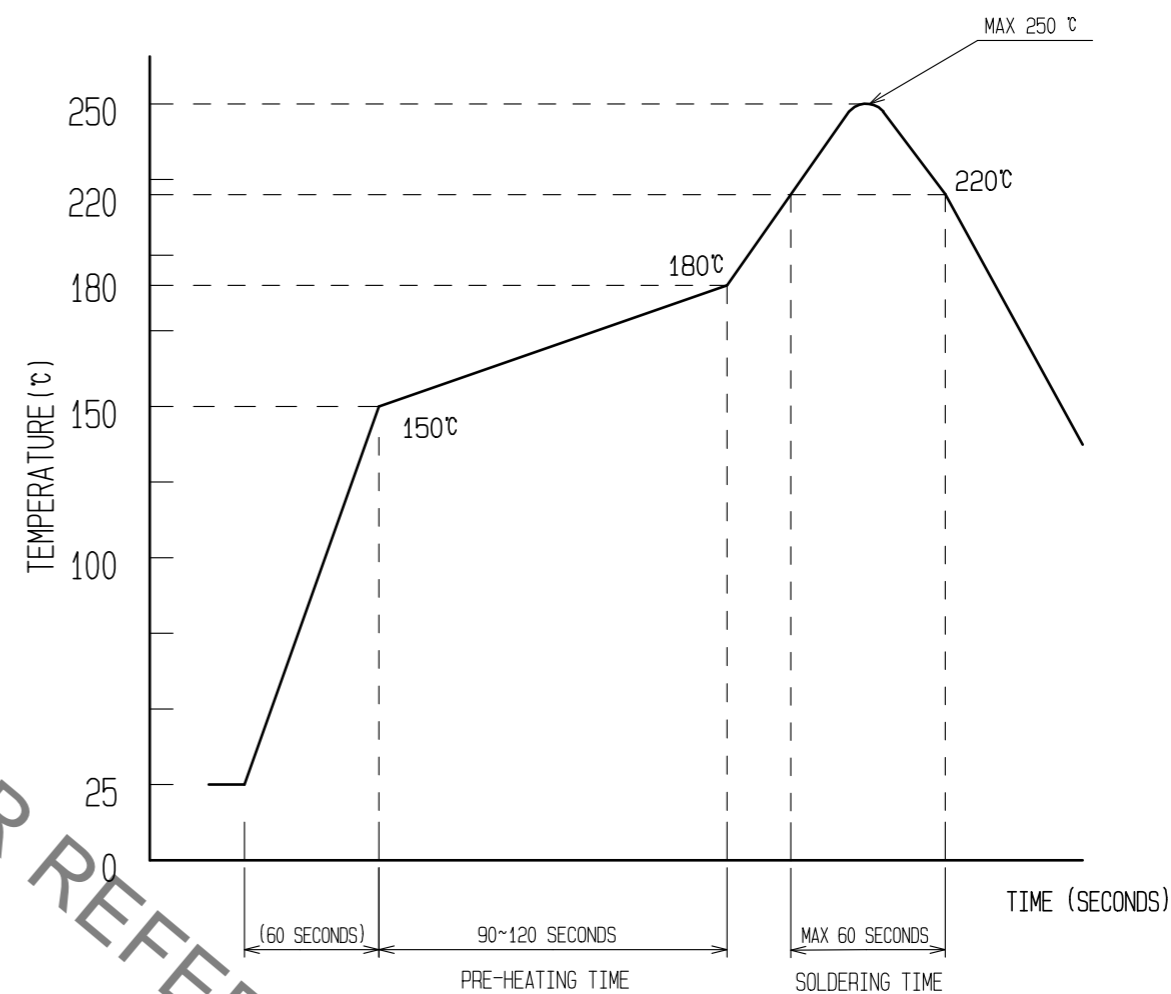
METAL MASK THICKNESS : 100 μm



METAL MASK THICKNESS : 120 μm



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



REFLOW METHOD: IR REFLOW  
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.

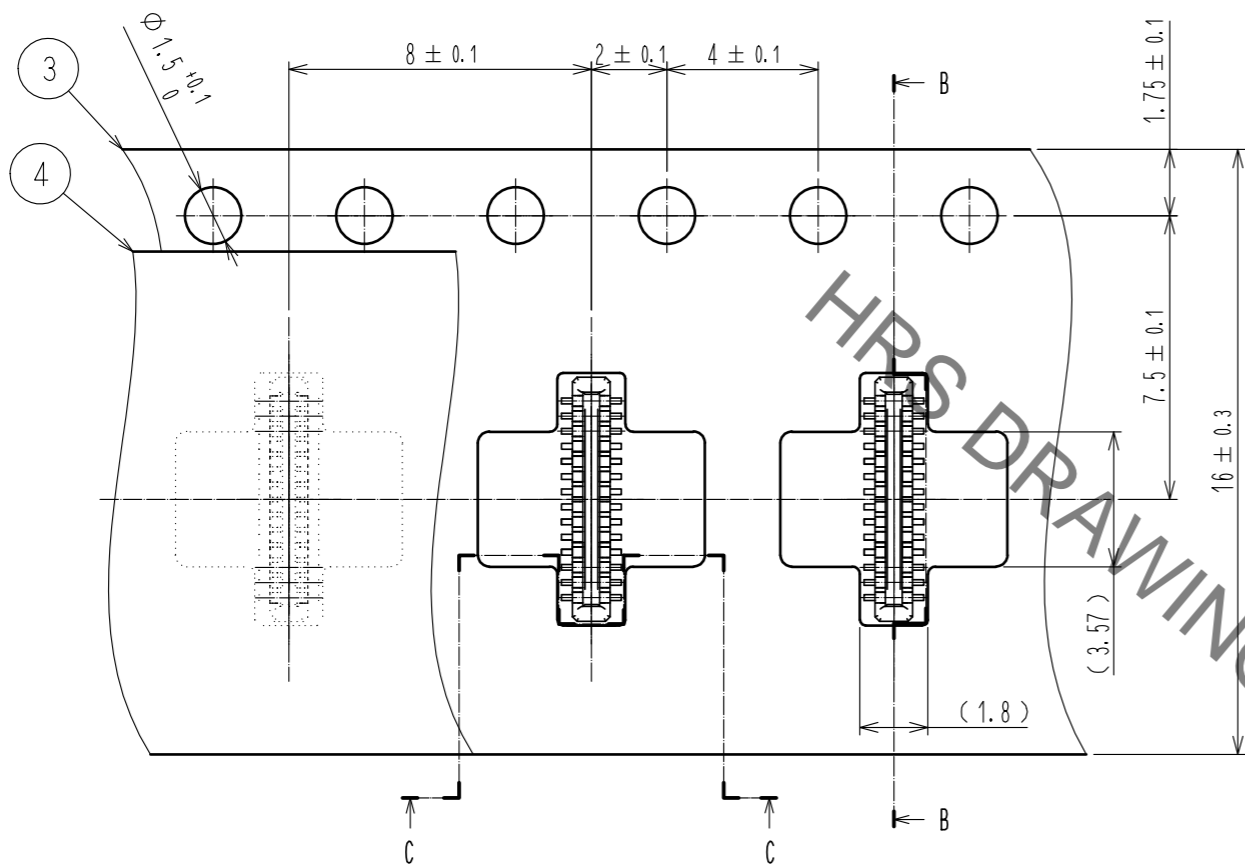
- 1) REFLOW TIME  
DURATION ABOVE 220°C, 60 SEC. MAX.  
(PEAK TEMPERATURE: 250°C MAX)
- 2) PRE-HEAT TIME  
PRE-HEAT TEMPERATURE(MIN): 150°C  
PRE-HEAT TEMPERATURE(MAX): 180°C  
PRE-HEAT TIME: 90-120 sec.

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 CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

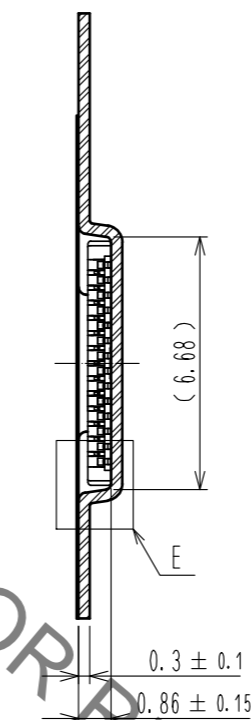
<b>HRS</b>	DRAWING NO.	EDC-319847-53-00
	PART NO.	BM14B(0.8)-24DP-0.4V(53)
	CODE NO.	CL684-8012-6-53

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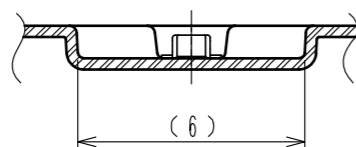
### EMBOSSED CARRIER TAPE PACKAGING (5:1)



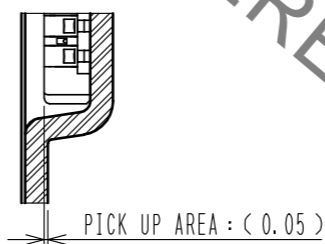
### B-B (5:1)



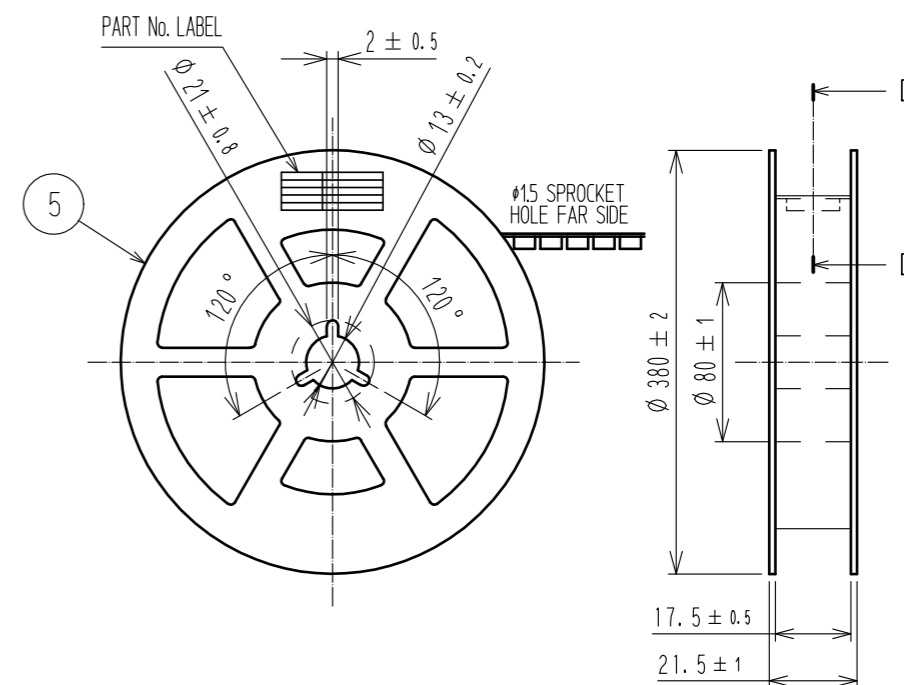
### C-C (5:1)



### E(10:1)



### STYLE AND DIMENTION OF REEL (FREE)

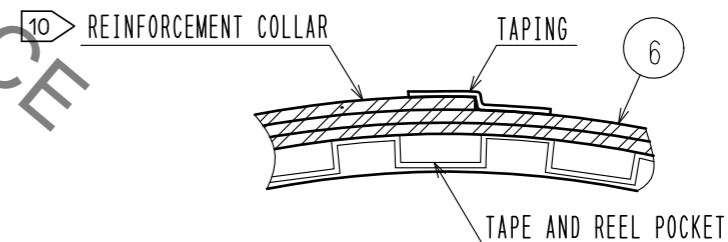


### DETAIL OF PART No. LABEL

製造年月日	** ** *	DATE OF MANUFACTURED
製品コード	CL684-8012-6-53	CODE No.
製品名	BM14B(0.8)-24DP-0.4V(53)	PART No.
数量	1,000	QUANTITY
納入者	ヒロセ電機(株)	SUPPLIER

DATE OF MANUFACTURED  
CODE No.  
PART No.  
QUANTITY  
SUPPLIER

### D-D (FREE)

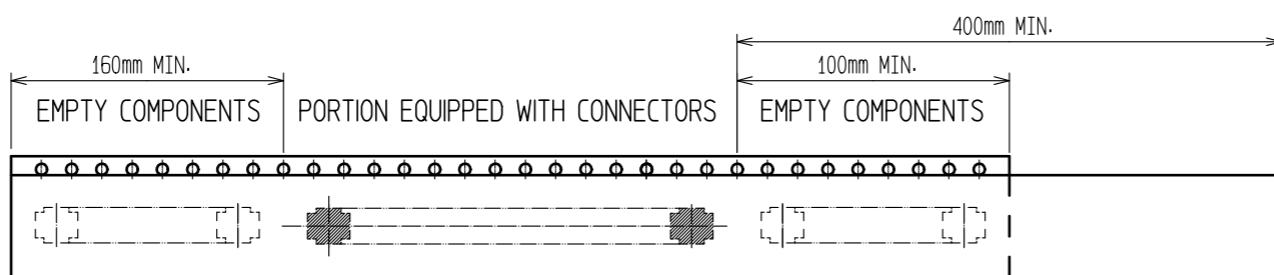


7. PER REEL 1000 CONNECTORS.

8. THE DIMENSIONS IN PARENTHESSES ARE FOR REFERENCE.

9. REFER TO JIS C 0806(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.



TRAILER

9 TAPING (FREE)

LEADER

**HRS**

DRAWING NO.	EDC-319847-53-00
PART NO.	BM14B(0.8)-24DP-0.4V(53)
CODE NO.	CL684-8012-6-53

3/3

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