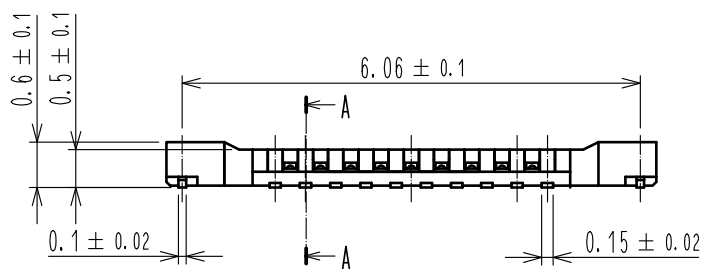
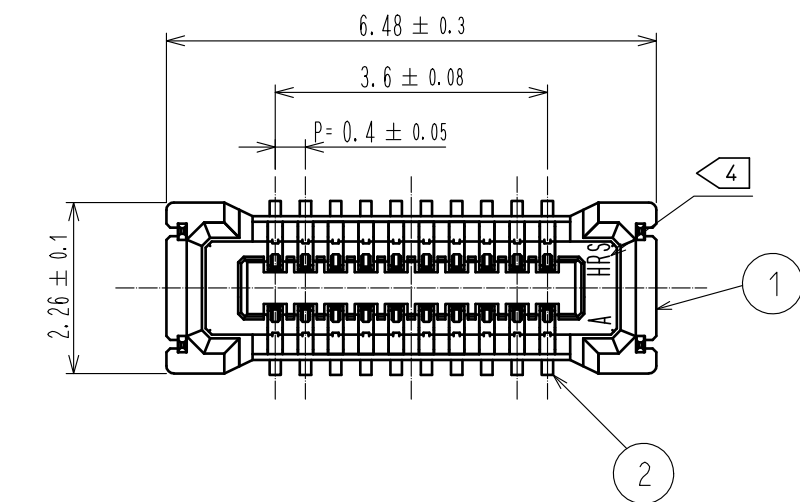
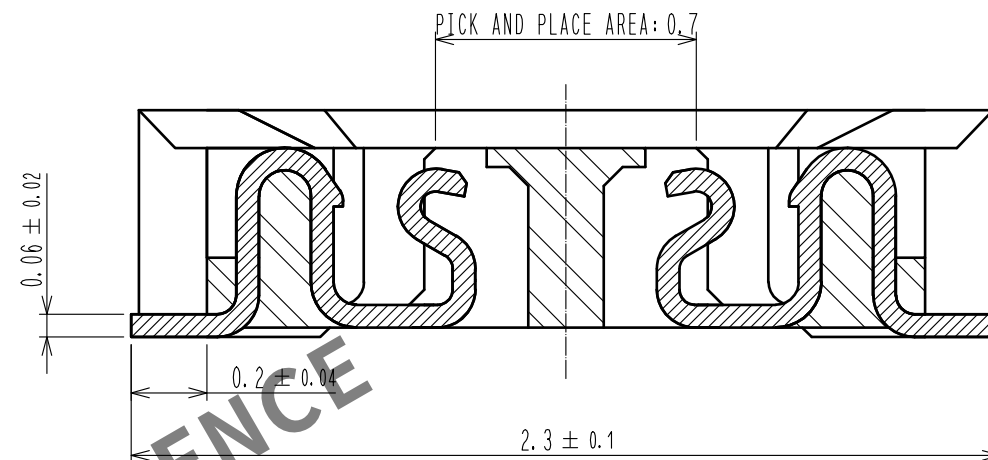


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

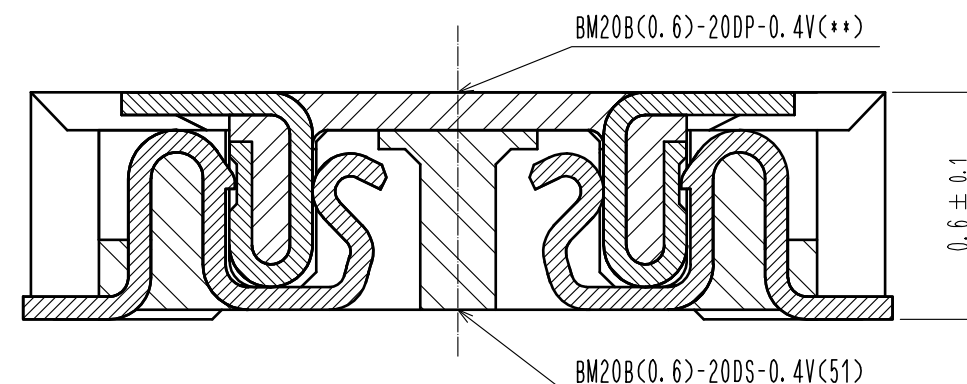


- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
3 MATAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
4 HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

A-A(50:1)

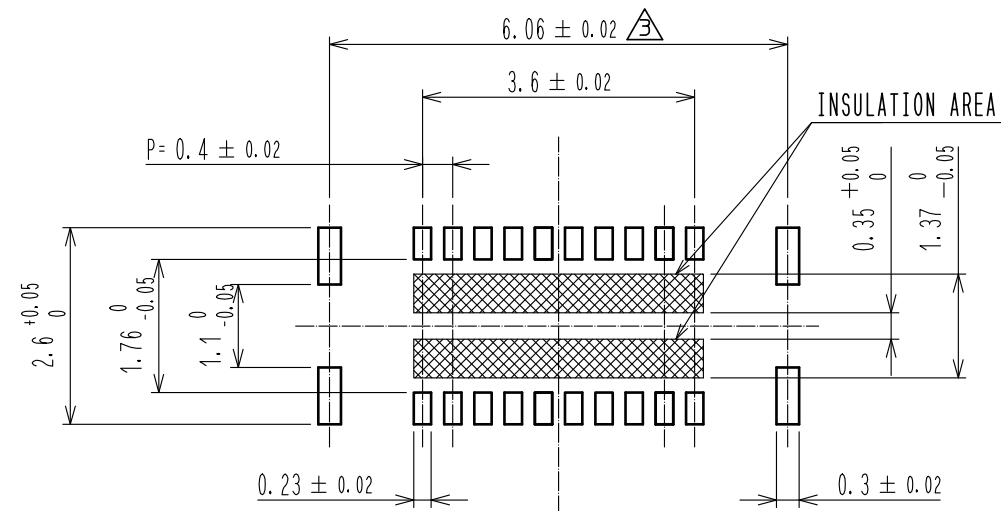


ENGAGEMENT FIGURE (50:1)



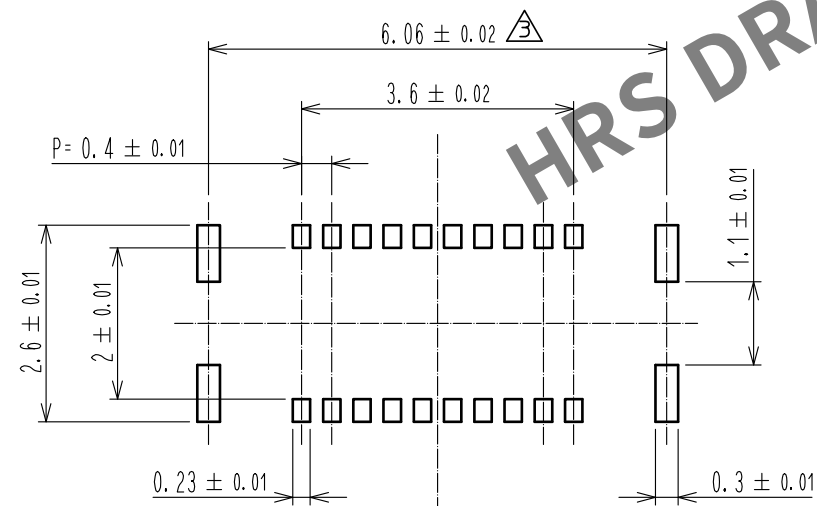
4	PS	CLEAR (EMBOSSED CARRIER TAPE)			
3	BRASS	3	7	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	6	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 3	DESCRIPTION OF REVISIONS DIS-H-00003231	DESIGNED RT. SHIMIZU
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	12.11.19	DRAWING NO.	EDC3-347096-01
		CHECKED : WR. FUKUCHI	12.11.19	PART NO.	BM20B(0.6)-20DS-0.4V(51)
		DESIGNED : RT. SHIMIZU	12.11.19	CODE NO.	CL684-9309-0-51
		DRAWN : YS. YAMAZAKI	12.11.17		
					1/3

◆RECOMMENDED PCB LAYOUT

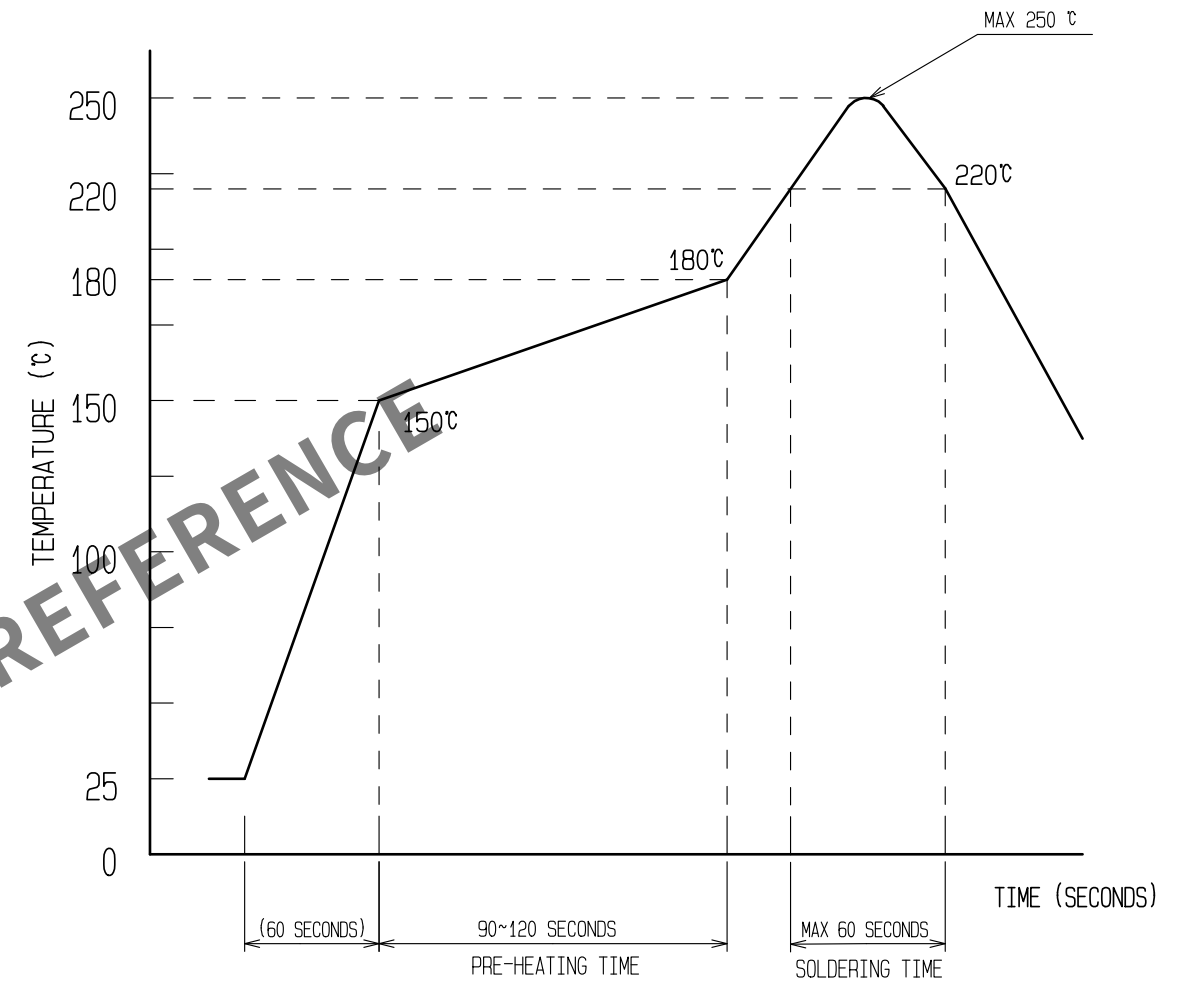


◆RECOMMENDED METAL MASK DIMENSIONS

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



5 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.

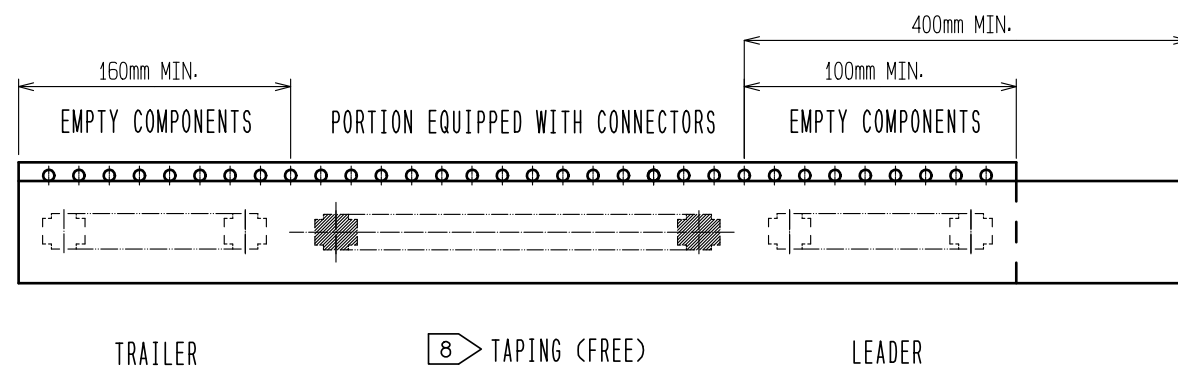
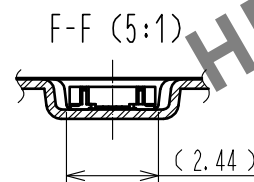
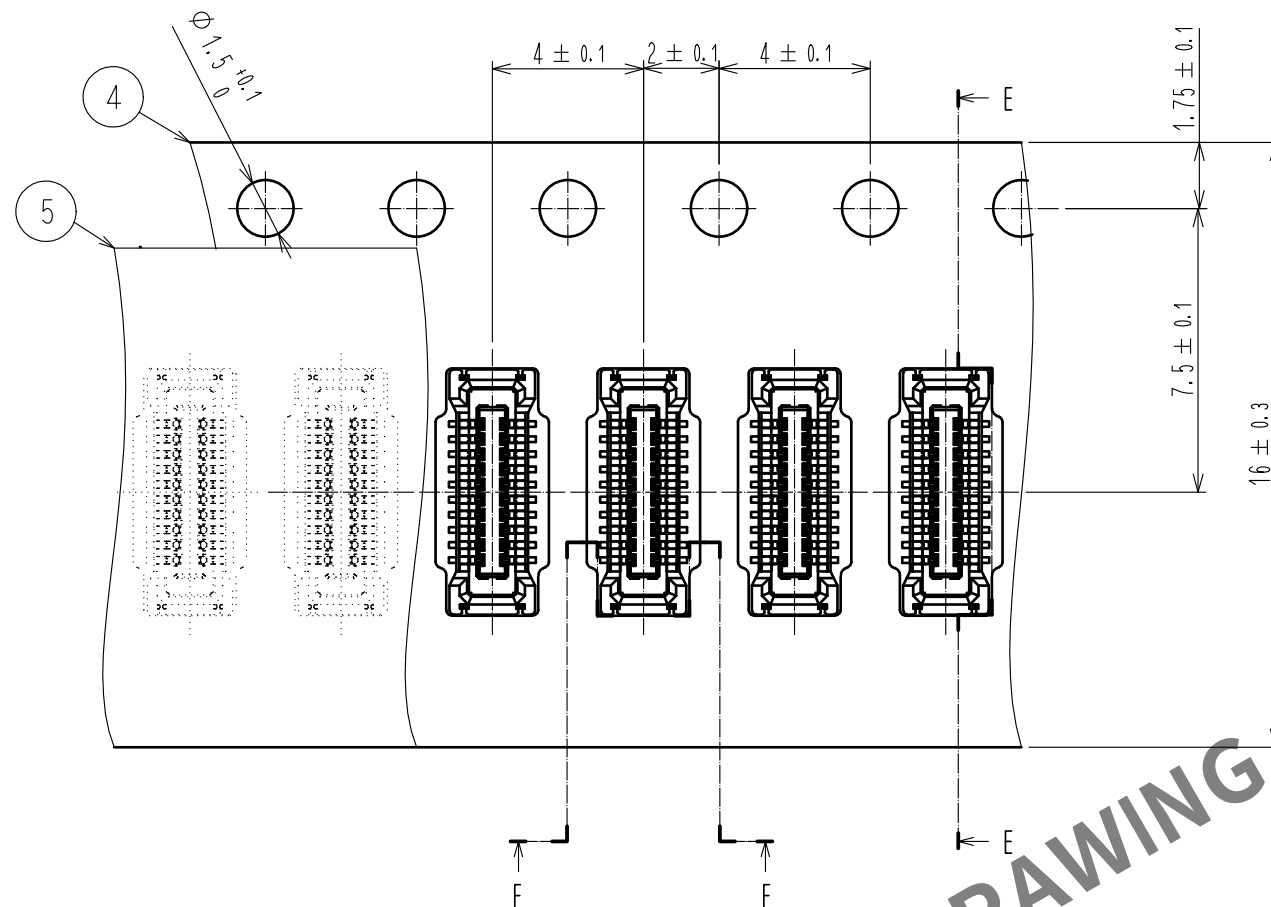
5 THE TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

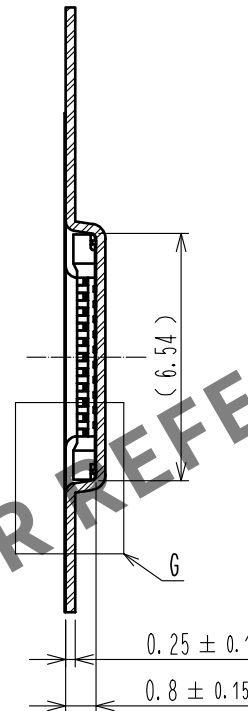
DRAWING NO.	EDC3-347096-01
PART NO.	BM20B(0.6)-20DS-0.4V(51)
CODE NO.	CL684-9309-0-51

3/2/3

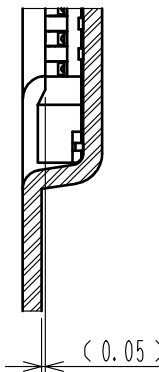
EMBOSSED CARRIER TAPE PACKAGING (5:1)



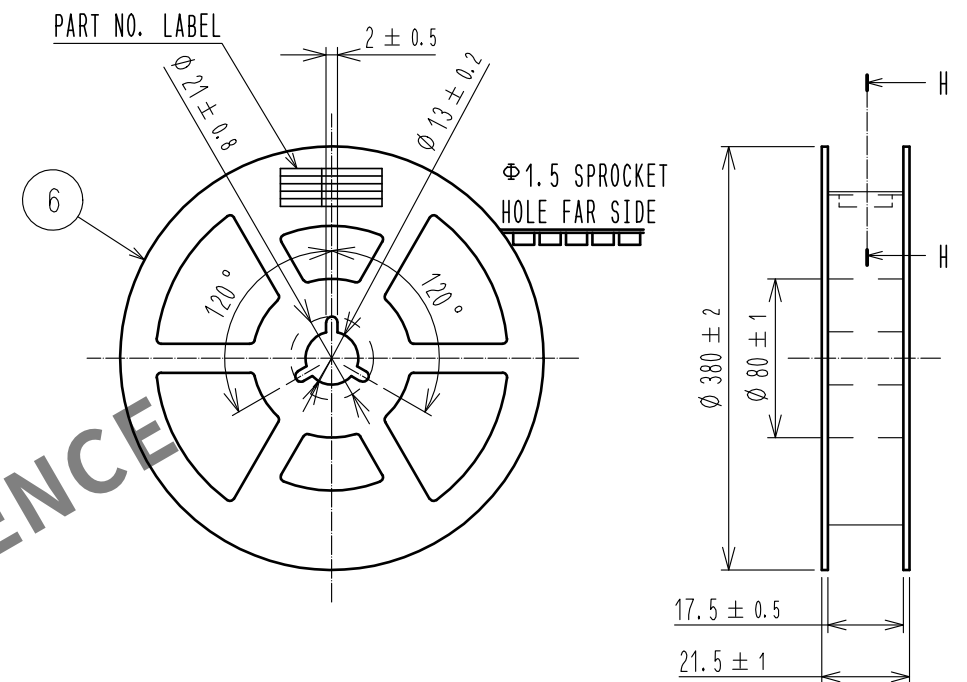
E-E (5:1)



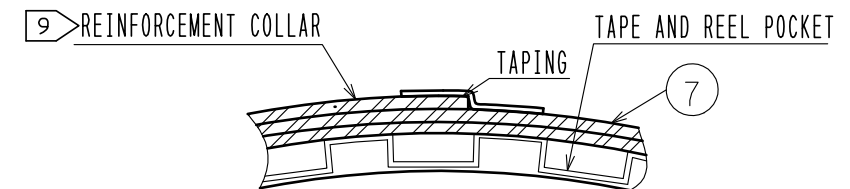
G(10:1)



STYLE AND DIMENTION OF REEL (FREE)



H-H (FREE)



DETAIL OF PART NO. LABEL

製造年月日	** ** *
製品コード	CL0684-9309-0-51
製品名	BM20B(0.6)-20DS-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

DATA OF MANUFACTURED
CODE NO.
PART NO.
QUANTITY
SUPPLIER

6. PER REEL 8000 CONNECTORS.

7. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

8. REFER TO JIS C 0806(IEC 60286-3)<PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING> 3

9. 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.	EDC3-347096-01
PART NO.	BM20B(0.6)-20DS-0.4V(51)
CODE NO.	CL684-9309-0-51

3/3