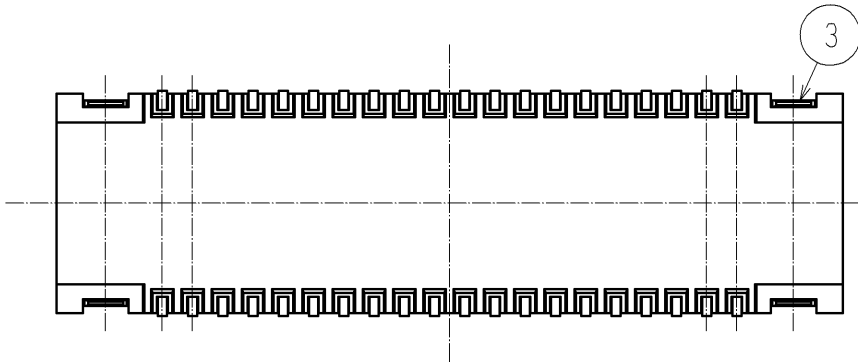
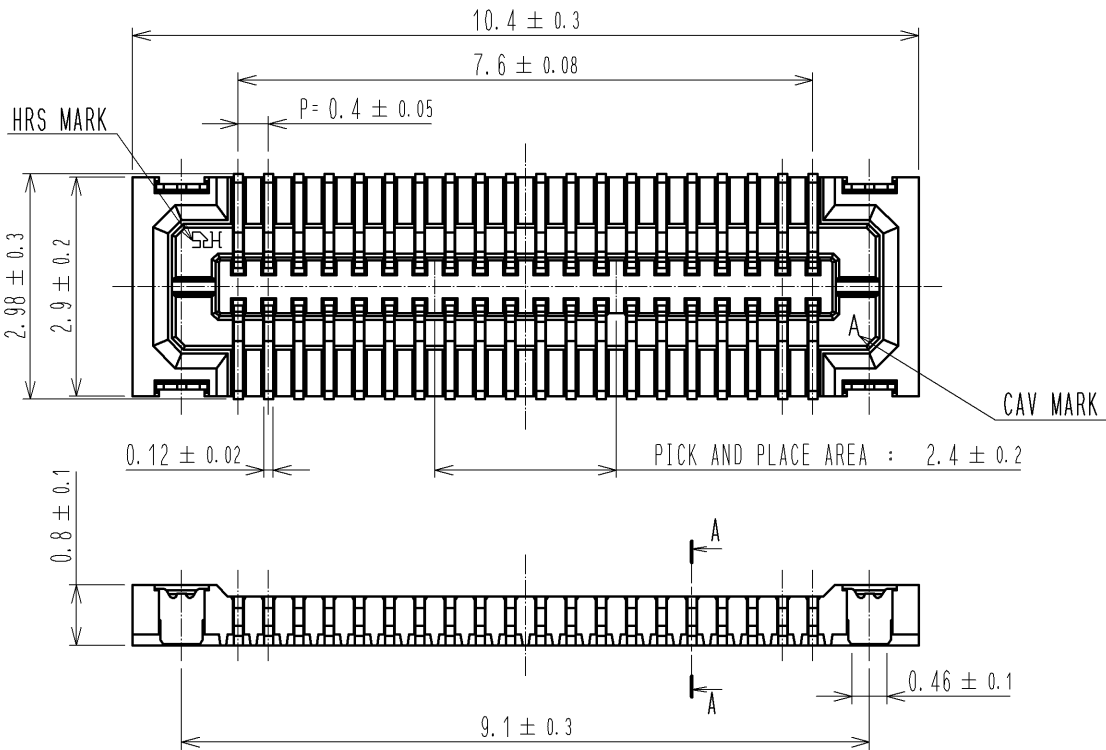
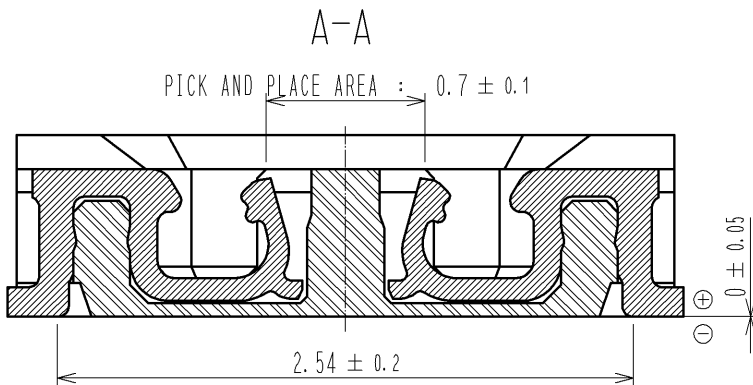
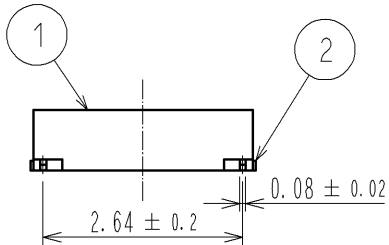


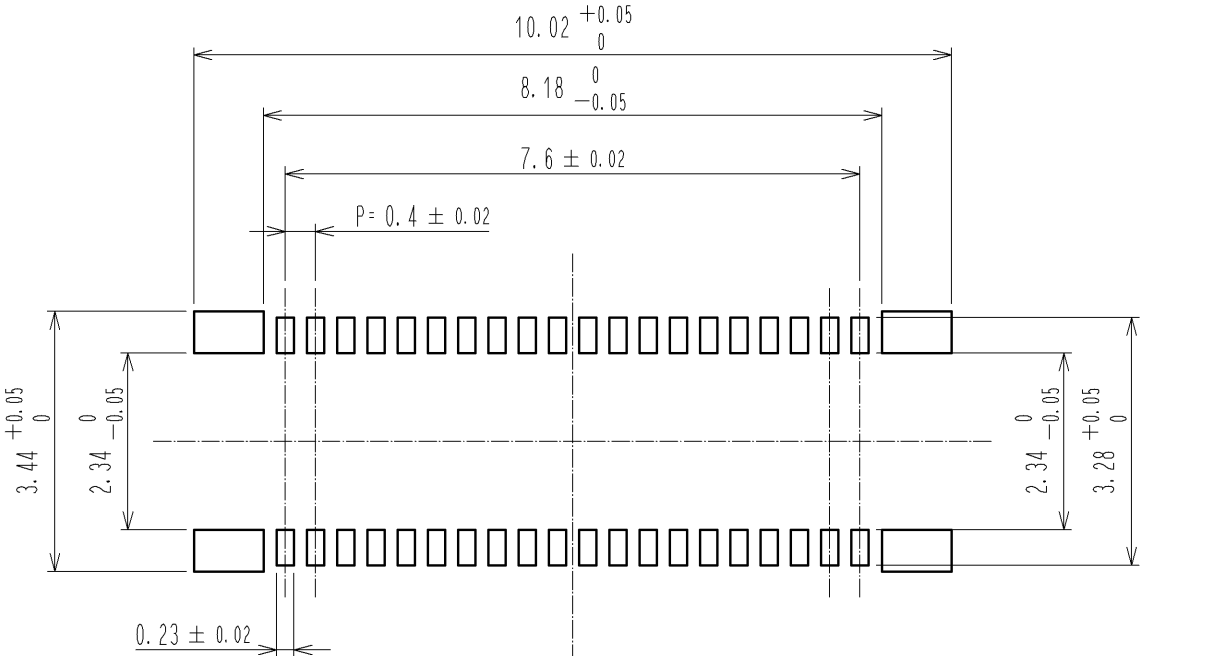
APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO 85°C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C	
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	BM10*(0.8)-40DP-0.4V(**)	
	CURRENT	0.3A			
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	20mV AC OR LESS 1kHz, 1mA.		100mΩ MAX.	X	—
INSULATION RESISTANCE	100V DC.		50MΩ MIN.	X	—
VOLTAGE PROOF	100V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		① INSERTION FORCE : 41.9 (N) MAX ② WITHDRAWAL FORCE : 8.0 (N) MIN	X	—
MECHANICAL OPERATION	10 TIMES INSERTIONS AND WITHDRAWALS.		① CONTACT RESISTANCE: 100mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min, SINGLE AMPLITUDE 0.75 mm, 10 CYCLES, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 85 °C TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER: WITHIN 2 ~3 MIN)		① CONTACT RESISTANCE: 100mΩ MAX. ② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 100mΩ MAX. ② INSULATION RESISTANCE: 25MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SULPHUR DIOXIDE	EXPOSED IN 25 PPM FOR 96h, 25°C, 75%. (REFER TO JIS C 60068)		① CONTACT RESISTANCE: 100mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
△					
REMARKS			APPROVED	KH. IKEDA	09.09.03
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT			CHECKED	TS. MIYAZAKI	09.09.03
			DESIGNED	SH. HOSODA	09.09.02
			DRAWN	SH. HOSODA	09.05.09
Unless otherwise specified, refer to JIS C 5402 and IEC 60512					
Note QT: Qualification Test AT: Assurance Test X: Applicable Test			DRAWING NO.		ELC4-318218-75
HRS	SPECIFICATION SHEET		PART NO.	BM10NB (0.8)-40DS-0.4V (75)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684-6107-0-75	△ 1/1



- NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 MAX.
2. PER REEL : 8000 CONNECTORS.
3. AT THE BEGINNING OF THE REEL, 100 mm AT MIN SHALL BE EMPTY POCKETS.
AT THE END OF THE REEL, 160 mm AT MIN SHALL BE EMPTY.
4 CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.1μm MIN.
SMT LEAD : GOLD 0.05μm MIN.
UNDERPLATING : NICKEL 1μm MIN.
(SURFACE : SEALING)
5 METAL HOLD DOWN PLATING SPECIFICATIONS.
MOUNTING AREA: GOLD 0.05μm MIN.
UNDERPLATING : NICKEL 1μm MIN.
6. PEEL FORCE OF COVER TAPE REFERS TO JIS C 0806.

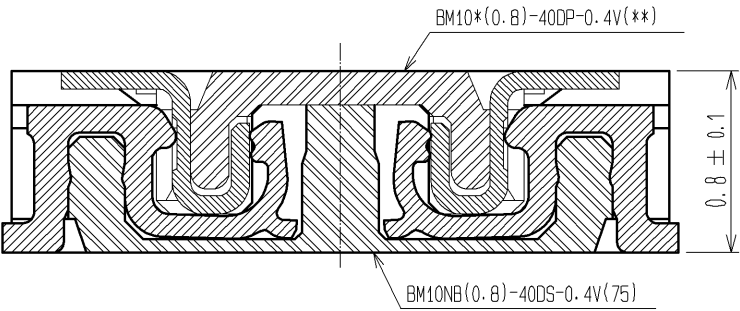


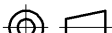
RECOMMENDED PATTERN

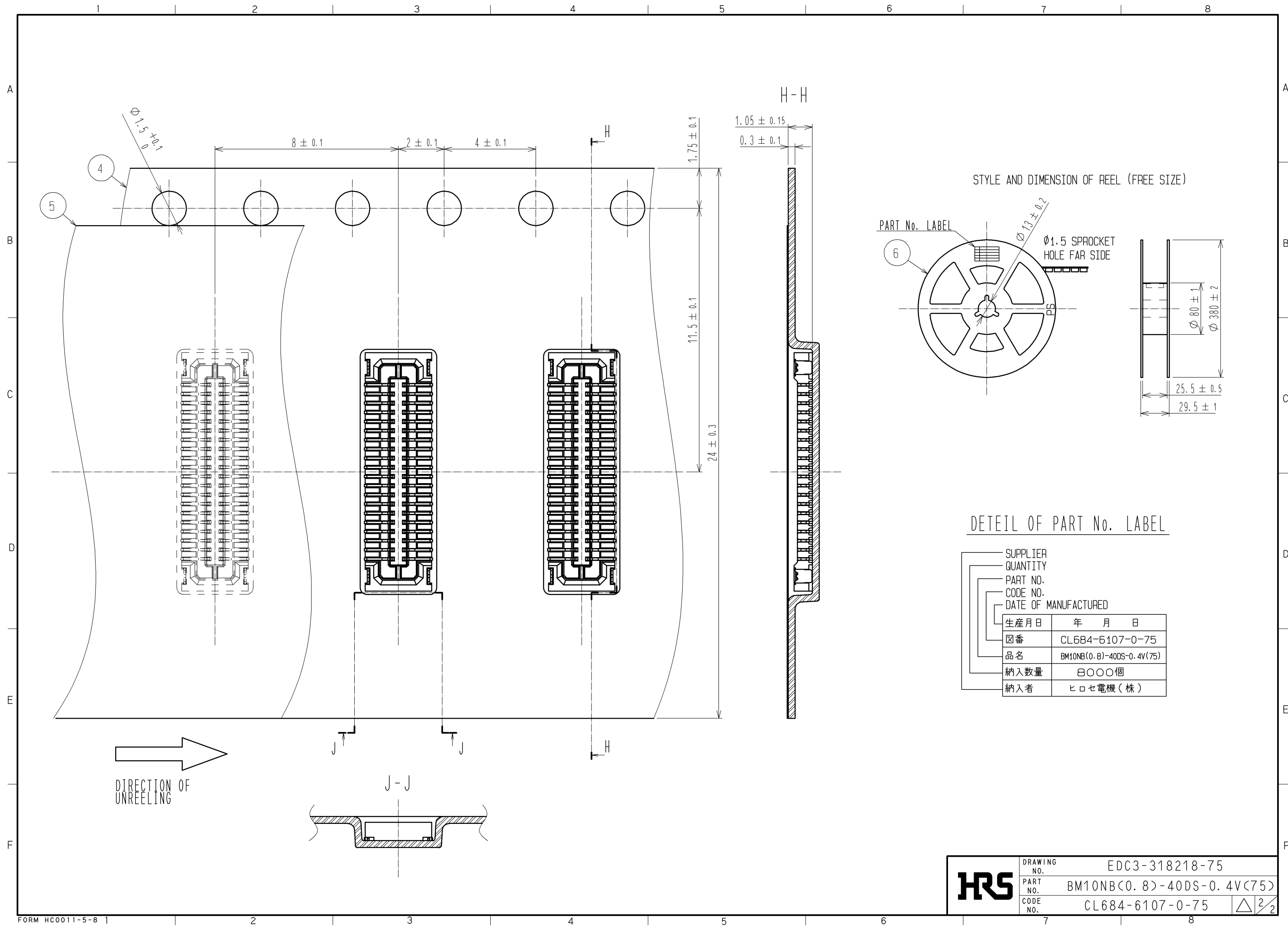


RECOMMENDED SOLDER PASTE : THICKNESS 120μm

ENGAGEMENT FIGURE



3	PHOSPHOR BRONZE	5	6	PS	PLASTIC REEL (BLACK)				
2	PHOSPHOR BRONZE	4	5	POLYESTER	CLEAR (COVER TAPE)				
1	LCP	UL94V-0. BLACK	4	PS	CLEAR (EMBOSSED CARRIER TAPE)				
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS			
UNITS mm		SCALE FREE		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		09.09.03	DRAWING NO.		EDC3-318218-75		
		CHECED : TS. MIYAZAKI		09.09.03	PART NO.		BM10NB(0.8)-40DS-0.4V(75)		
		DESIGNED : SH. HOSODA		09.08.31	CODE NO.		CL684-6107-0-75		
		DRAWN : SH. HOSODA		09.05.09			 1/2		



DETEIL OF PART No. LABEL

SUPPLIER	CL684-6107-0-75
QUANTITY	8000個
PART NO.	CL684-6107-0-75
CODE NO.	CL684-6107-0-75
DATE OF MANUFACTURED	CL684-6107-0-75
生産月日	年 月 日
図番	CL684-6107-0-75
品名	BM10NB(0.8)-40DS-0.4V(75)
納入数量	8000個
納入者	ヒロセ電機(株)

HRS

DRAWING NO.	EDC3-318218-75
PART NO.	BM10NB(0.8)-40DS-0.4V(75)
CODE NO.	CL684-6107-0-75

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