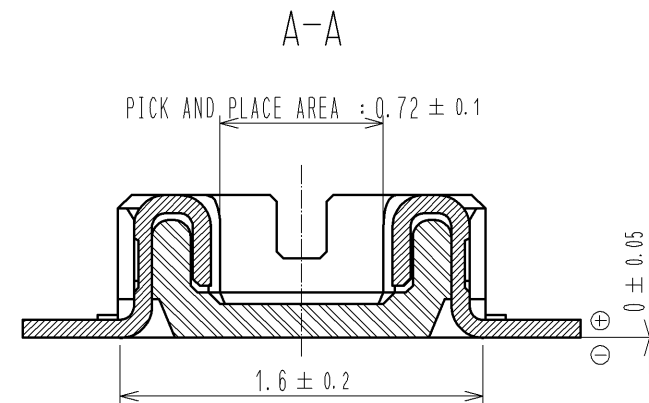
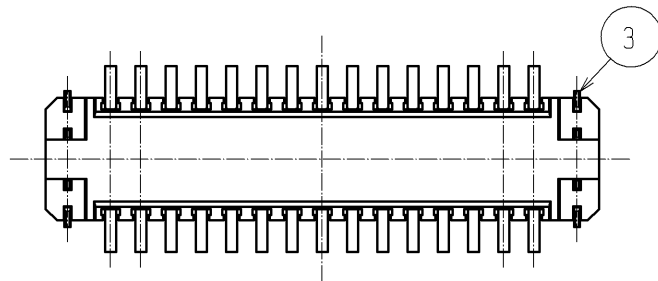
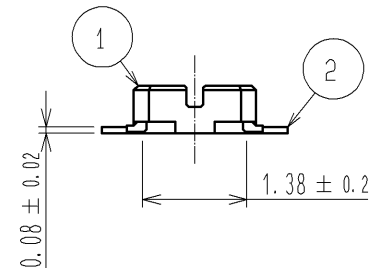
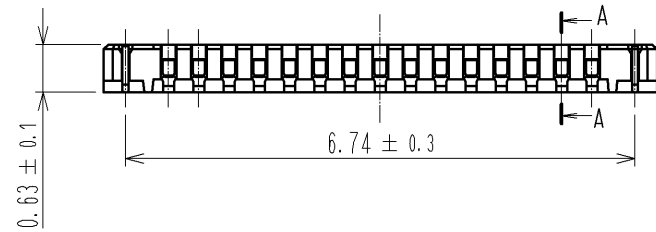
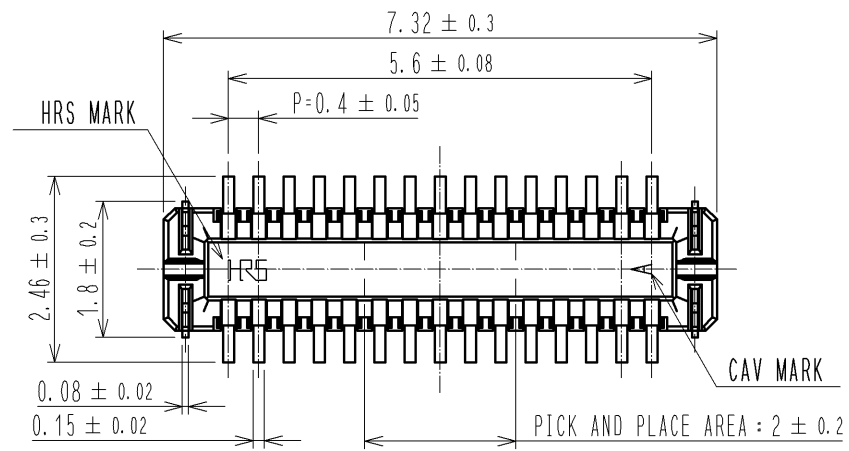
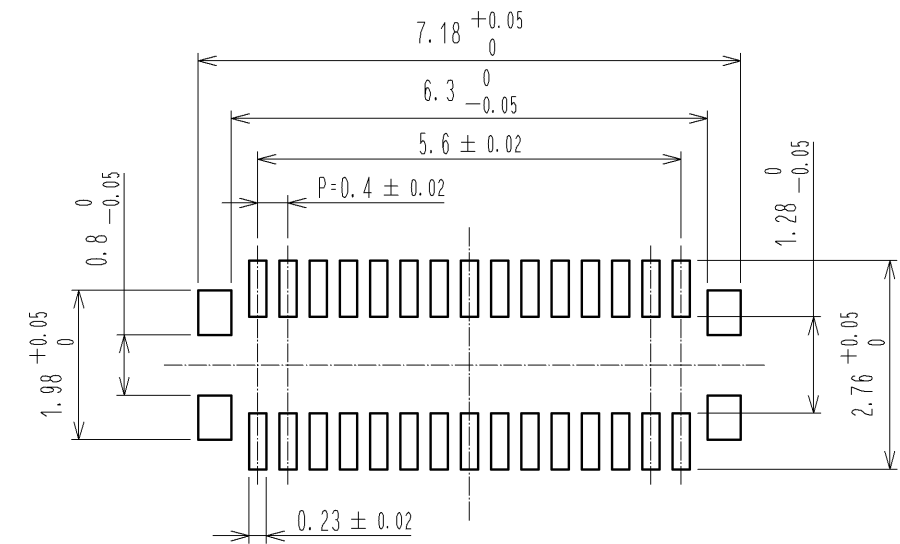


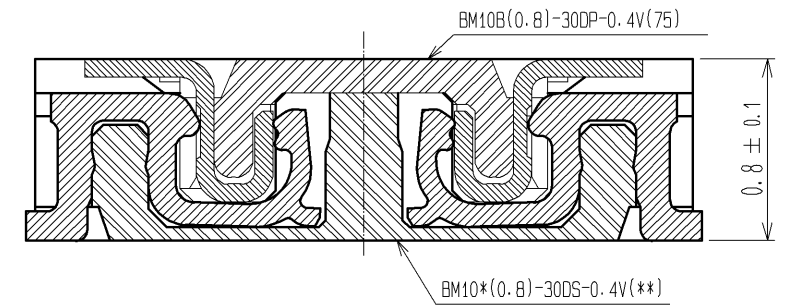
APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C	
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	BM10*(0.8)-30DS-0.4V(*)	
	CURRENT	0.3A			
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		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.	INSERTION FORCE 33.1N MAX WITHDRAWAL FORCE 6.2N MIN	X	—
MECHANICAL OPERATION		10 TIMES INSERTIONS AND WITHDRAWAL.	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
Unless otherwise specified, refer to JIS C 5402 and IEC 60512			DRAWN	SH. HOSODA	09.04.27
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-317788-75
HRS	SPECIFICATION SHEET		PART NO.	BM10B (0.8)-30DP-0.4V (75)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684-6013-8-75	△ 1/1



RECOMMENDED PATTERN

RECOMMENDED SOLDER PASTE: THICKNESS 120 μ m



ENGAGEMENT FIGURE

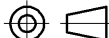





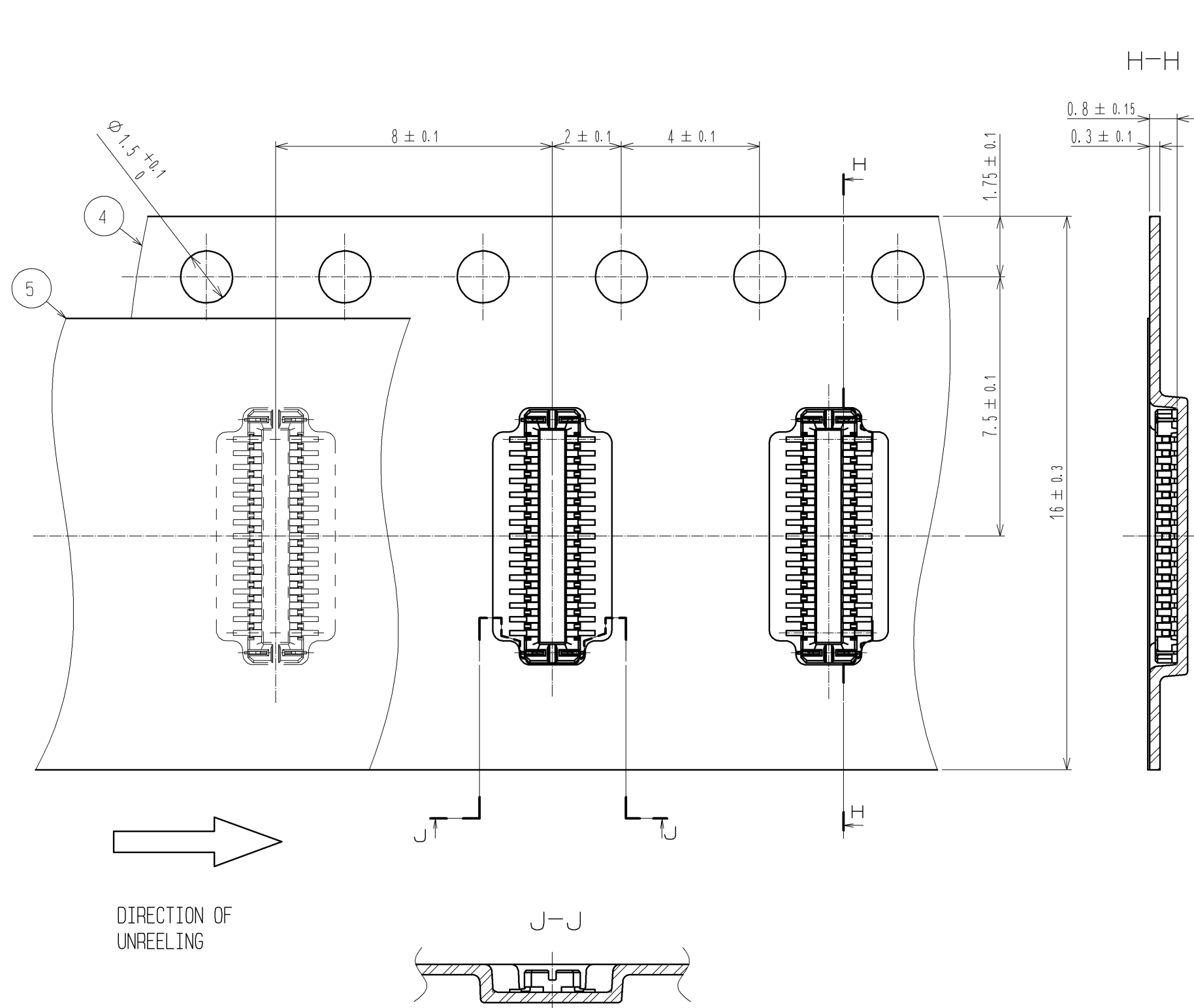
- NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 MAX.
2. PER REEL : 8000 CONNECTORS.
3. AT THE BEGINNING OF THE REEL, 100 mm AT MIN SHALL BE EMPTY POCKETS.
AT THE END OF THE REEL, 160 mm AT MIN SHALL BE EMPTY.

- 4 CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.1 μ m MIN.
SMT LEAD : GOLD 0.05 μ m MIN.
UNDERPLATING : NICKEL 1 μ m MIN.
(SURFACE : SEALING)

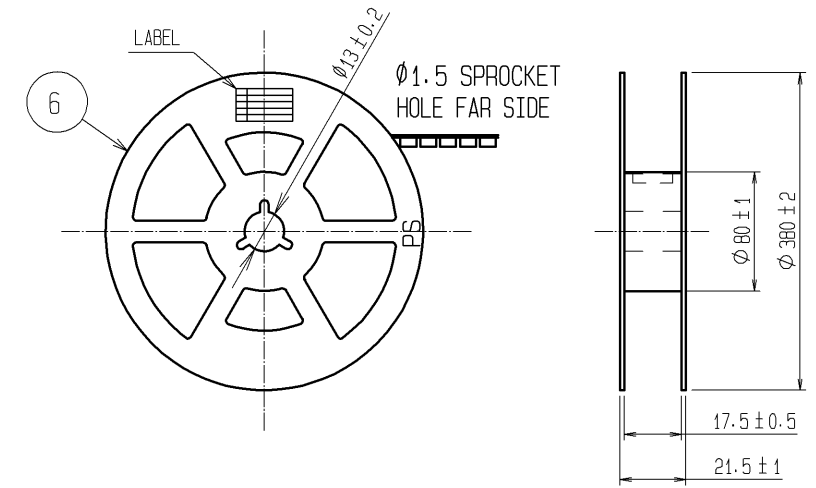
- 5 METAL HOLD DOWN PLATING SPECIFICATIONS.
MOUNTING AREA: GOLD 0.05 μ m MIN.
UNDERPLATING : NICKEL 1 μ m MIN.
6. PEEL FORCE OF COVER TAPE REFERS TO JIS C 0806.

3	PHOSPHOR BRONZE		6	PS	PLASTIC REEL (BLACK)
2	PHOSPHOR BRONZE		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 10 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		09.09.03	DRAWING NO.	EDC3-317788-75		
		CHECKED : TS. MIYAZAKI		09.09.03	PART NO.	BM10B(0.8)-30DP-0.4V(75)		
		DESIGNED : SH. HOSODA		09.08.31	CODE NO.	CL684-6013-8-75		
		DRAWN : SH. HOSODA		09.04.24	 1/2			



STYLE AND DIMENSION OF REEL (FREE SIZE)



DETAIL OF PART NO. LABEL

SUPPLIER	CL684-6013-8-75
QUANTITY	8000個
PART NO.	BM10B(0.8)-30DP-0.4V(75)
CODE NO.	CL684-6013-8-75
DATE OF MANUFACTURED	生産月日 年 月 日
納入者	ヒロセ電機(株)

HRS

DRAWING NO.	EDC3-317788-75
PART NO.	BM10B(0.8)-30DP-0.4V(75)
CODE NO.	CL684-6013-8-75

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