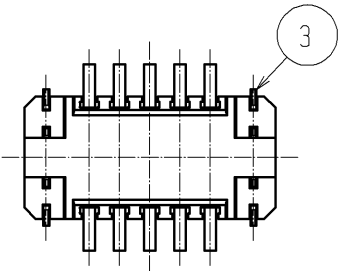
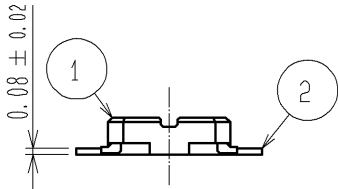
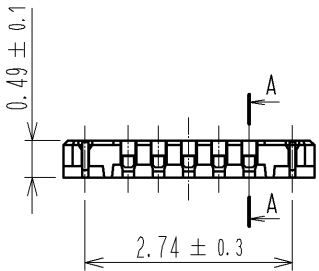
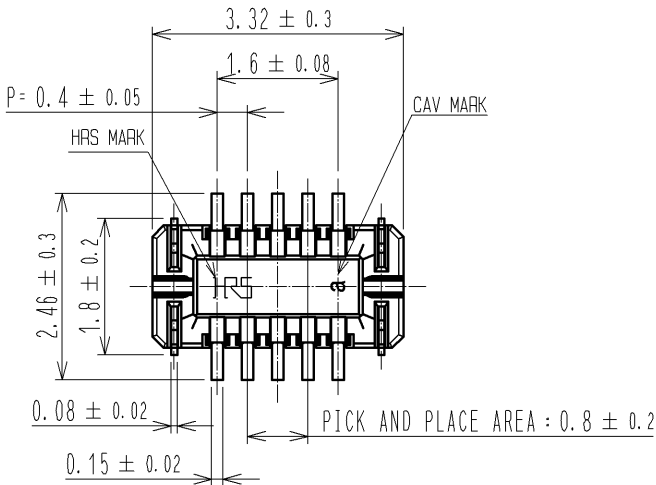
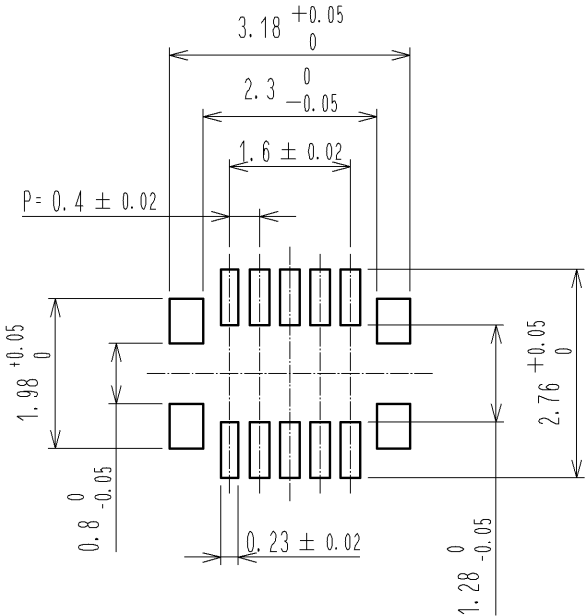


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C	
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	BM10*(0.6)-10DS-0.4V(**)	
	CURRENT	0.3A			
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		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					
MECHANICAL OPERATION		10TIMES INSERTIONS AND EXTRACTIONS.		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, 10CYCLES, 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	09.09.14
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT			CHECKED	TS. MIYAZAKI	09.09.14
Unless otherwise specified, refer to JIS C 5402 and IEC 60512			DESIGNED	YH. MICHIDA	09.09.14
			DRAWN	YH. MICHIDA	09.09.14
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-318078-51
HRS	SPECIFICATION SHEET		PART NO.	BM10B (0.6)-10DP-0.4V (51)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL684-6304-0-51	△ 1/1



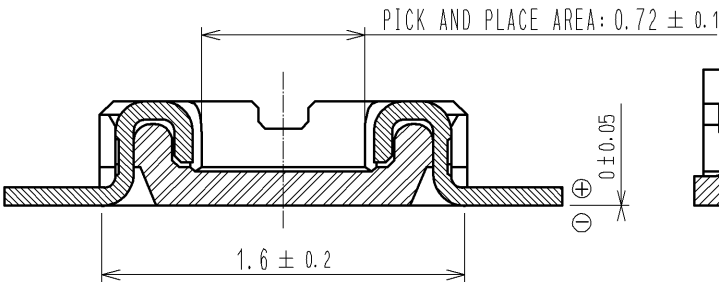
- NOTE
1. ALL LEADS CO-PLANARITY SHALL BE 0.1mm MAX.
 2. PER REEL : 8000 CONNECTORS.
 3. AT THE BEGINNING OF THE REEL, 100 mm AT MIN SHALL BE EMPTY POCKETS.
AT THE END OF THE REEL, 160 mm AT MIN SHALL BE EMPTY.
 4. CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05μm MIN.
SMT LEAD : GOLD 0.05μm 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 REFERS TO JIS C 0806.

RECOMMENDED PATTERN

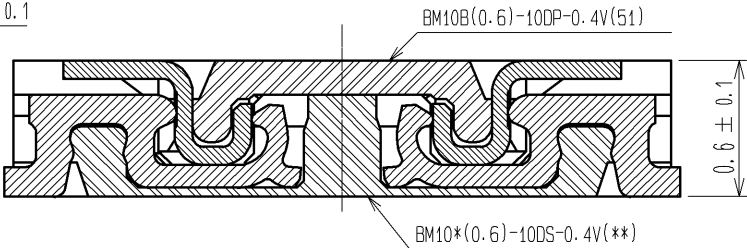


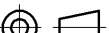
RECOMMENDED SOLDER PASTE: THICKNESS 100μm

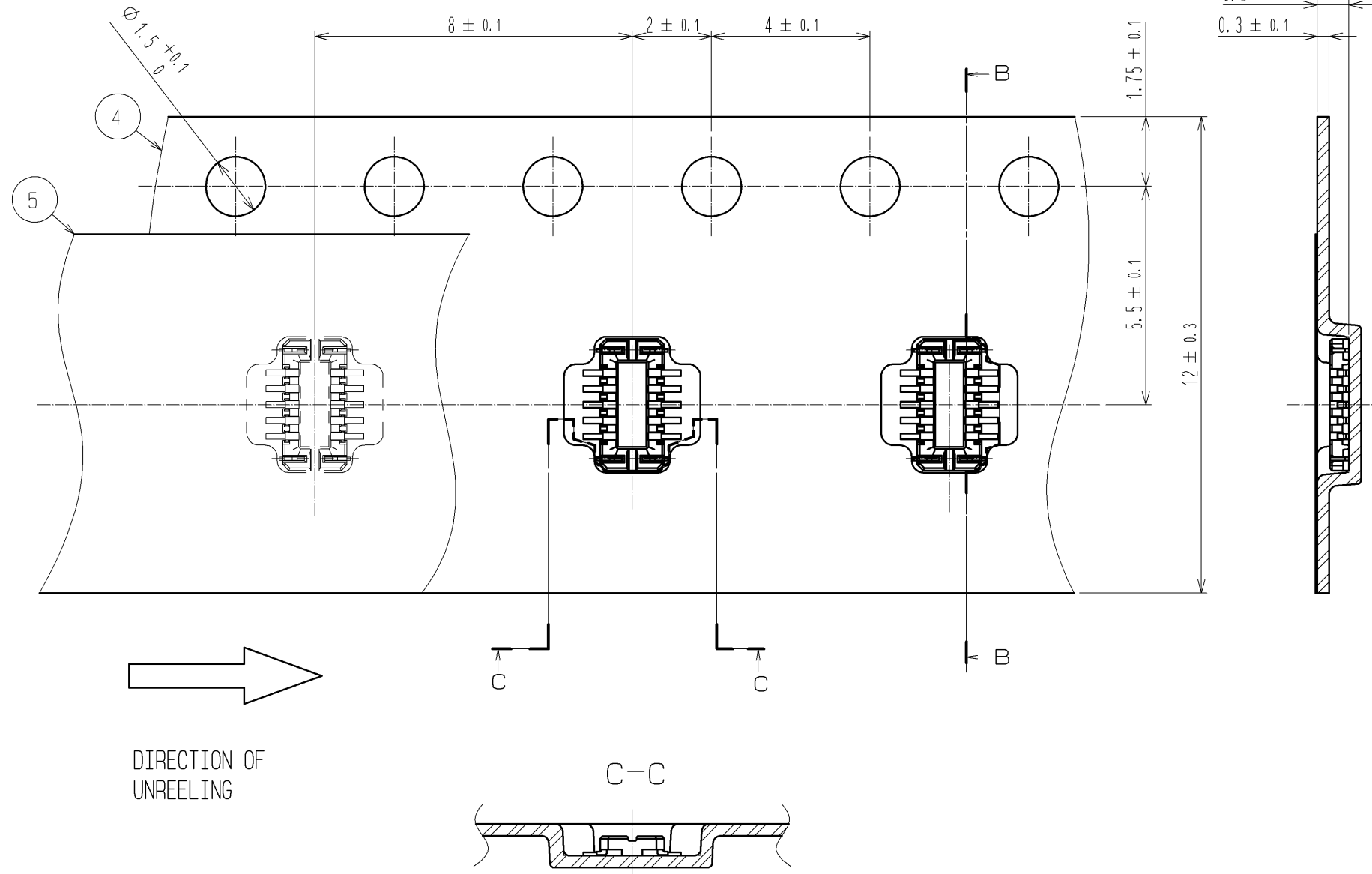
A-A



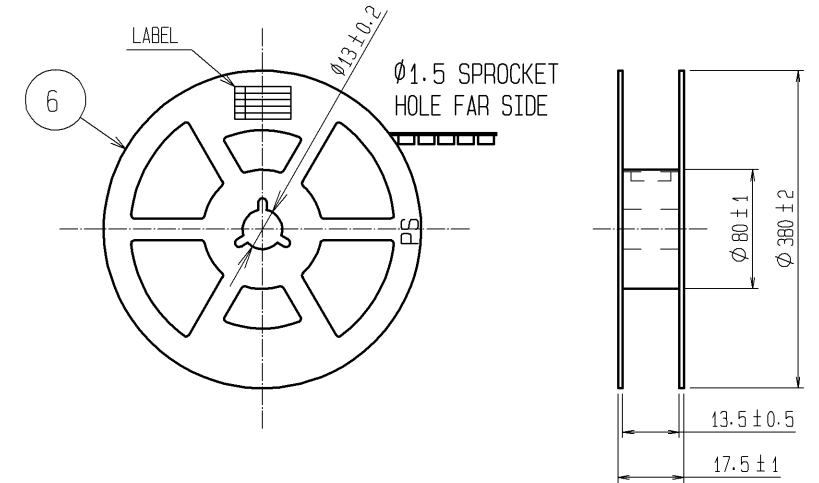
ENGAGEMENT FIGURE



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 10 : 1		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		09. 09. 14	DRAWING NO.		EDC3-318078-51		
		CHECKED : TS. MIYAZAKI		09. 09. 14	PART NO.		BM10B(0.6)-10DP-0.4V(51)		
		DESIGNED : YH. MICHIDA		09. 09. 14	CODE NO.		CL684-6304-0-51		
		DRAWN : YH. MICHIDA		09. 09. 14			 1/2		



STYLE AND DIMENSION OF REEL (FREE SIZE)



DETAIL OF PART NO. LABEL

SUPPLIER	QUANTITY	PART NO.	CODE NO.	DATE OF MANUFACTURED
生産月日	年 月 日	図番	CL684-6304-0-51	
品名	BM10B(0.6)-10DP-0.4V(51)	納入数量	8000個	
納入者	ヒロセ電機(株)			

HRS

DRAWING NO.	EDC3-318078-51
PART NO.	BM10B(0.6)-10DP-0.4V(51)
CODE NO.	CL684-6304-0-51

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