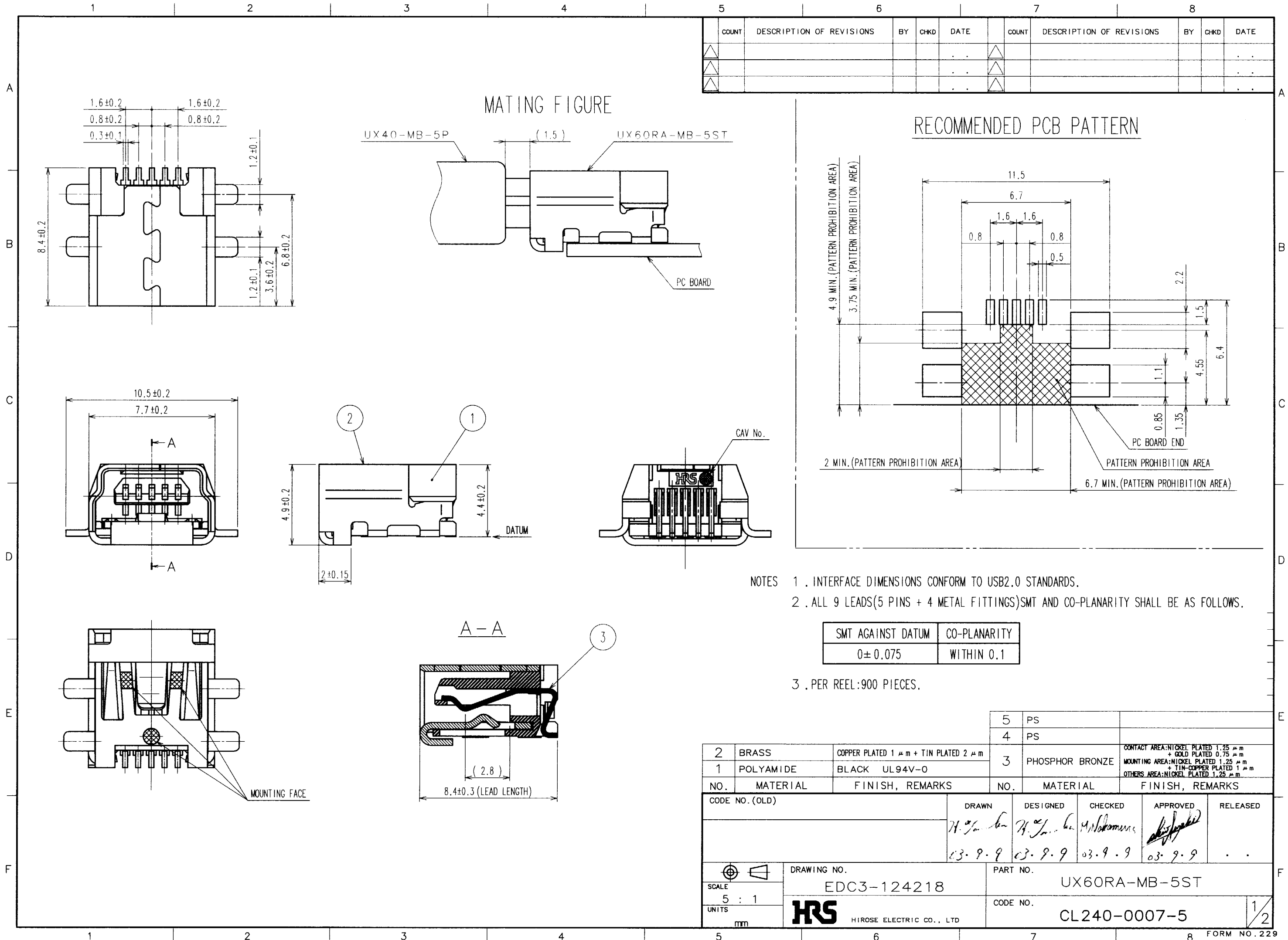


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				

APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-30°C TO 75°C	STORAGE TEMPERATURE RANGE
	VOLTAGE	5V AC	OPERATING HUMIDITY RANGE
	CURRENT	1A	APPLICABLE CABLE

SPECIFICATIONS						
ITEM	TEST METHOD	REQUIREMENTS	QT AT			
CONSTRUCTION						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○ ○			
MARKING	CONFIRMED VISUALLY.		○ ○			
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		○ ○			
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX, 100 mA(DC OR 1000 Hz).	50 mΩ MAX.	○ —			
INSULATION RESISTANCE	100 V DC	100 MΩ MIN.	○ ○			
VOLTAGE PROOF	100 V AC FOR 1min.	NO FLASHOVER OR BREAKDOWN	○ ○			
CAPASITANCE	MEASURE ADJACENT TWO CONTACTS AT 1000±10Hz AC VOLTAGE.	2 pF MAX	○ —			
MECHANICAL CHARACTERISTICS						
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 35 N MAX. EXTRACTION FORCE 7 N MIN.	○ —			
MECHANICAL OPERATION	5000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 70 mΩ MAX. ② EXTRACTION FORCE 3 N MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○ —			
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○ —			
RANDOM VIBRATION	FREQUENCY 50 TO 2000 Hz, AT 15 min, FOR 3 DIRECTIONS.		○ —			
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3TIMES FOR 6 DIRECTION. HALF SINE WAVE.		○ —			
ENVIRONMENTAL CHARACTERISTICS						
THERMAL SHOCK	TEMPERATURE -55 → 20~35 → 85 → 20~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 10 CYCLES,	① CONTACT RESISTANCE: 70 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○ —			
HUMIDITY LIFE	TEMPERATURE -10~65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168 h)	① INSULATION RESISTANCE: 10 MΩ MIN.(AT DRY) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○ —			
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h. (JIS C 5402)	① CONTACT RESISTANCE: 70 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○ —			
SOLDERABILITY	SOLDERED AT TEMP.245°C FOR IN IMMERSION,DURATION,2~3 S.	SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMersed.	○ —			
REMARKS		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to USB2.0 EIA364.		H. Tanaka 03.9.9	H. Tanaka 03.9.9	M. Nakamura 03.9.9	 03.9.9	
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test						
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. UX60RA-MB-5ST		
CODE NO.(OLD)		DRAWING NO. ELC4-124218		CODE NO. CL240-0007-5		1/1

TO
Q1



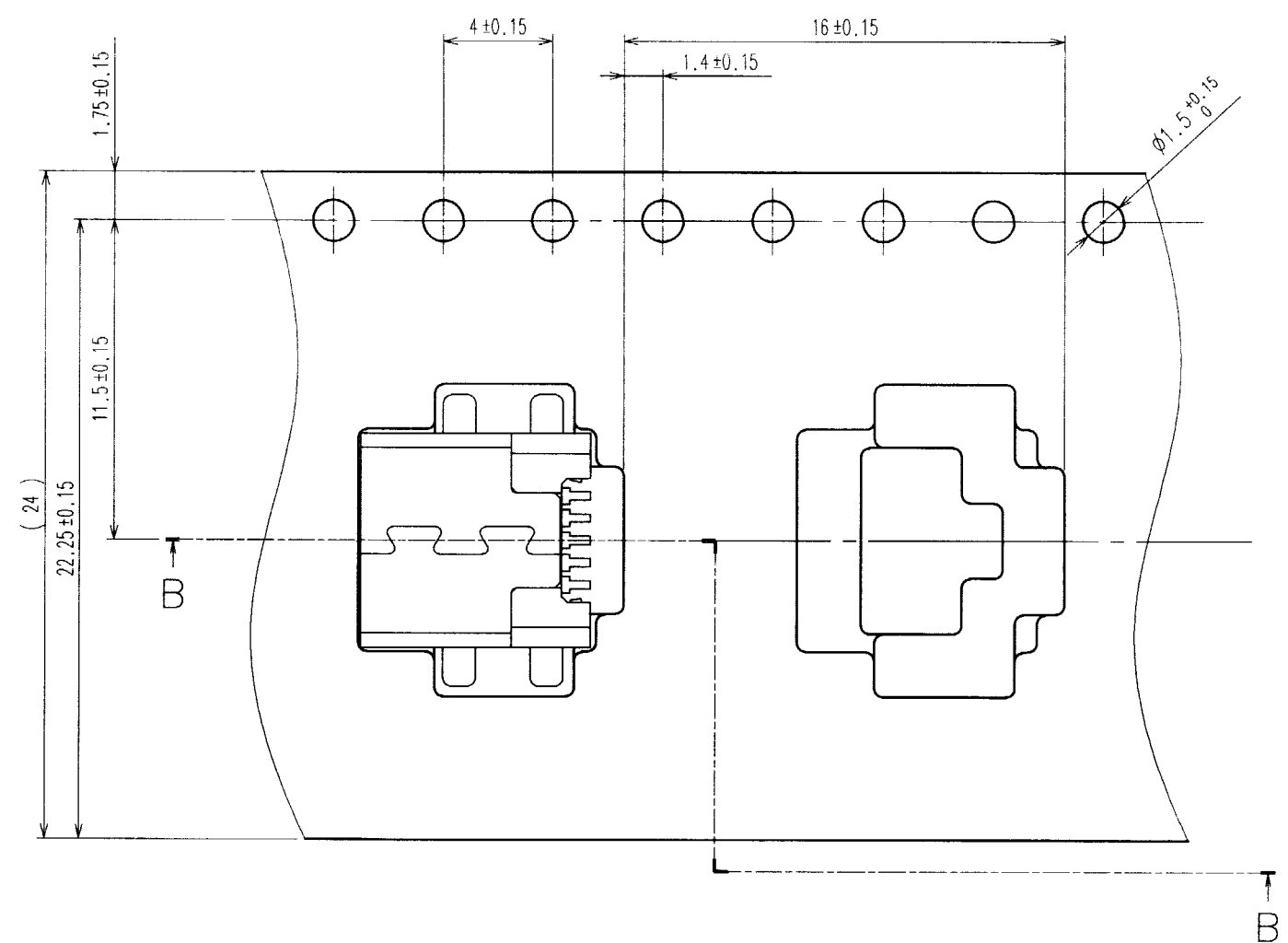
TO
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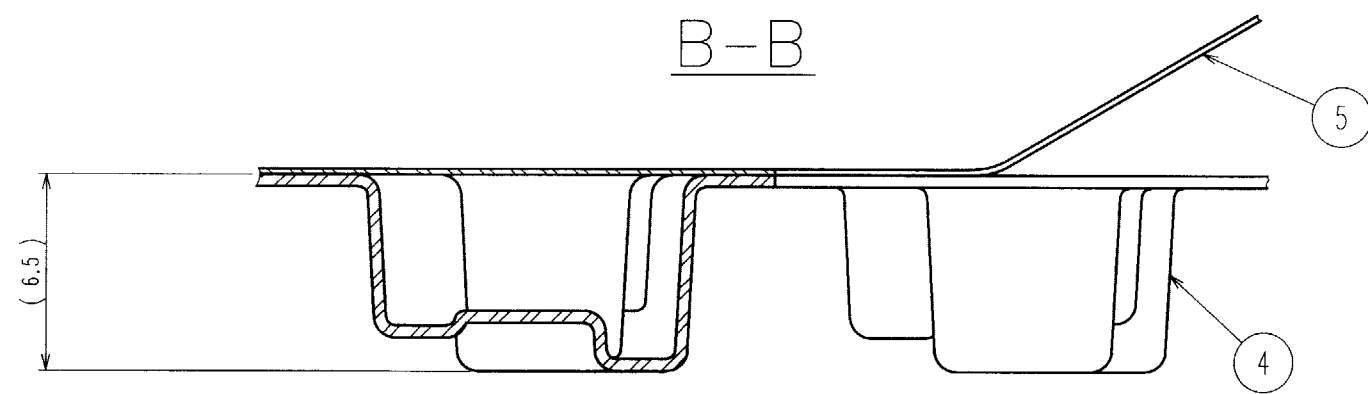
1 2 3 4 5 6 7 8

DRAWING FOR PACKING

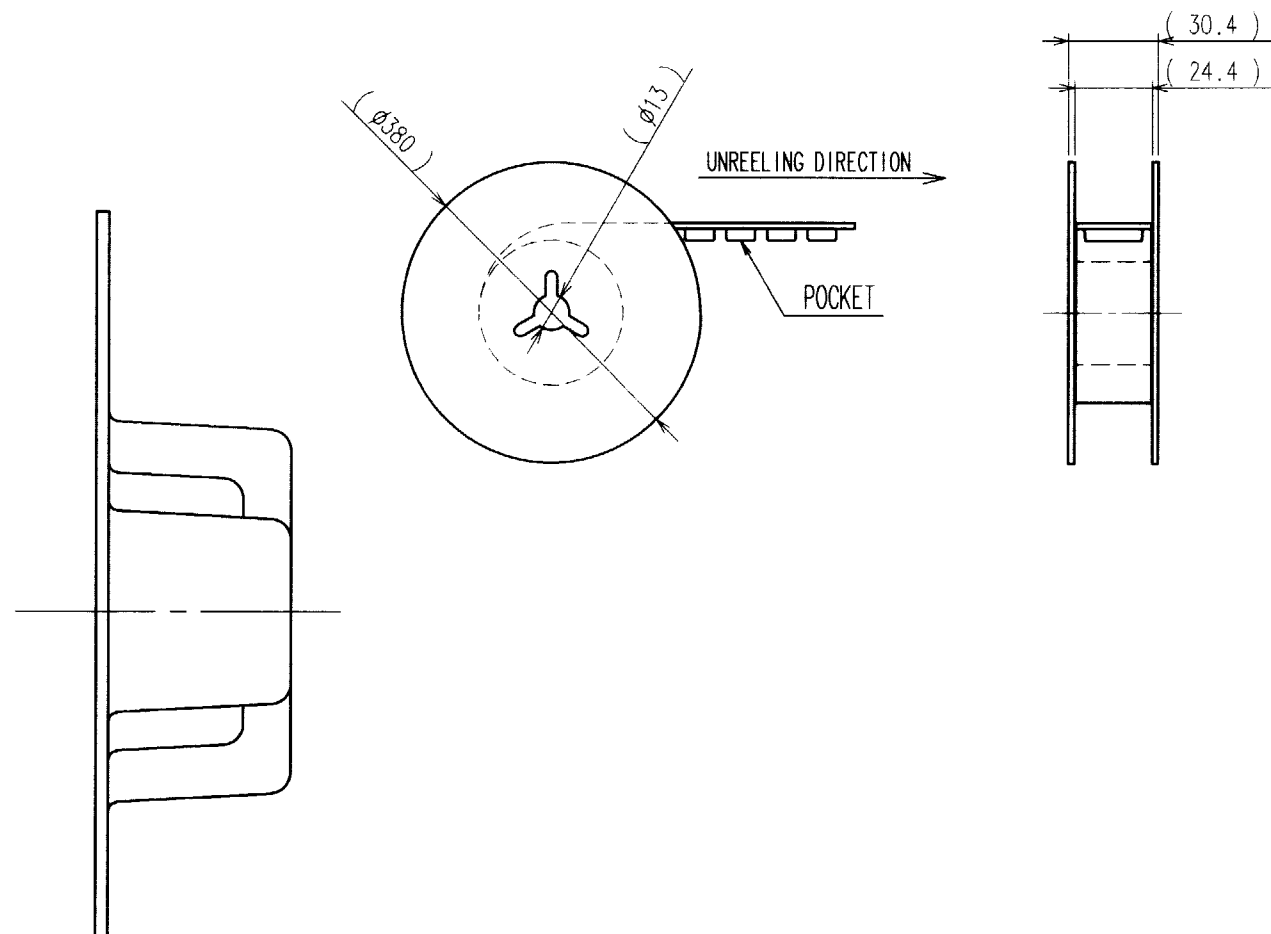
UNREELING DIRECTION →



B-B



PACKAGING CONDITION(FREE)



COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				
△					△				

NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD)			DRAWN	DESIGNED	CHECKED
			<i>H. Tanaka</i>	<i>H. Tanaka</i>	<i>M. Nakamura</i>
			03.9.9	03.9.9	03.9.9
			APPROVED	RELEASED	
			<i>[Signature]</i>	.	
			03.9.9		
DRAWING NO. EDC3-124218			PART NO. UX60RA-MB-5ST		
SCALE 4 : 1			CODE NO. CL240-0007-5		
UNITS mm			2/2		
HRS HIROSE ELECTRIC CO., LTD					

A
B
C
D
E
F