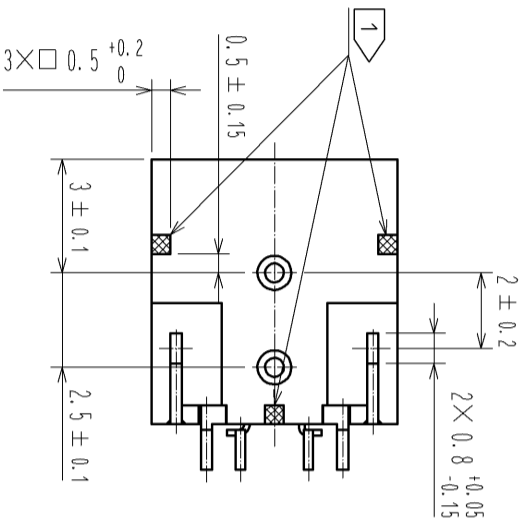
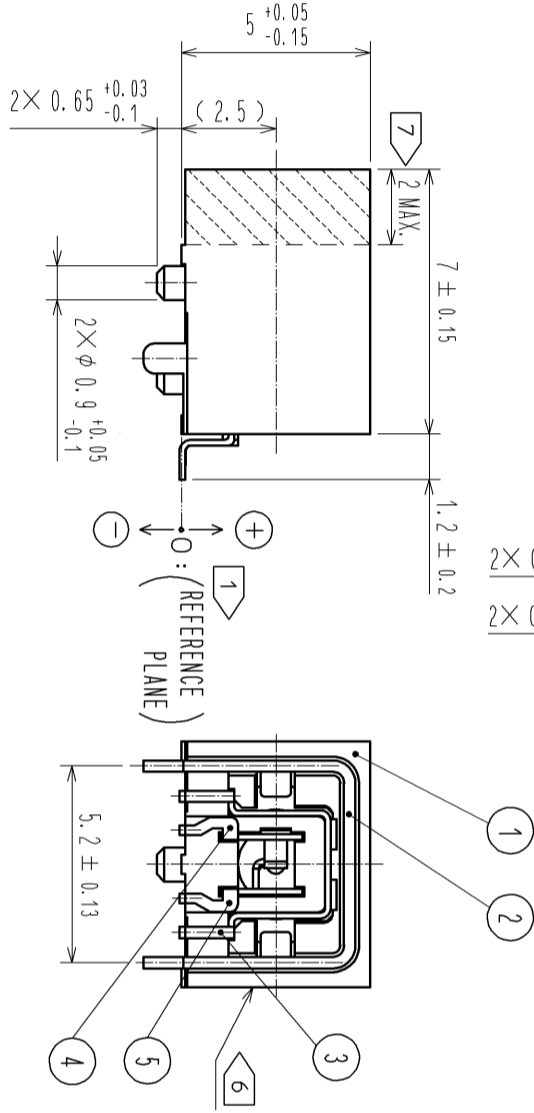
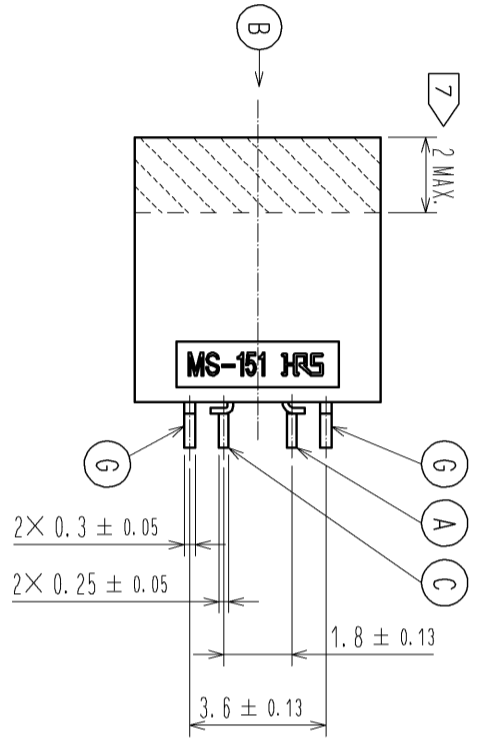
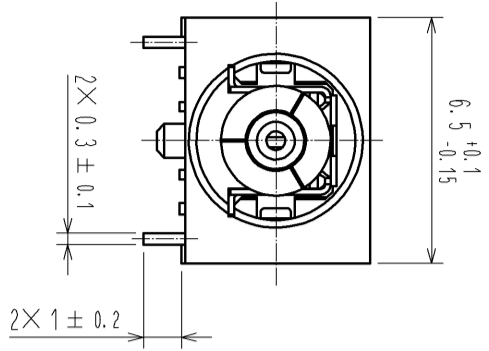
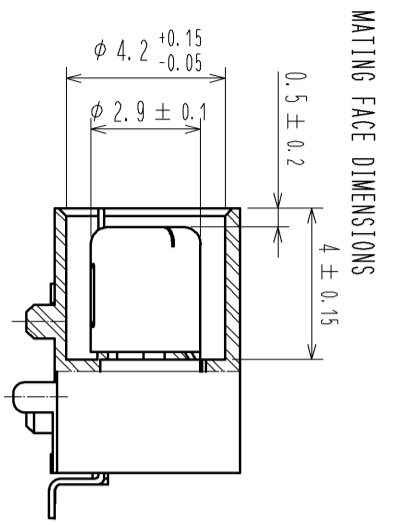
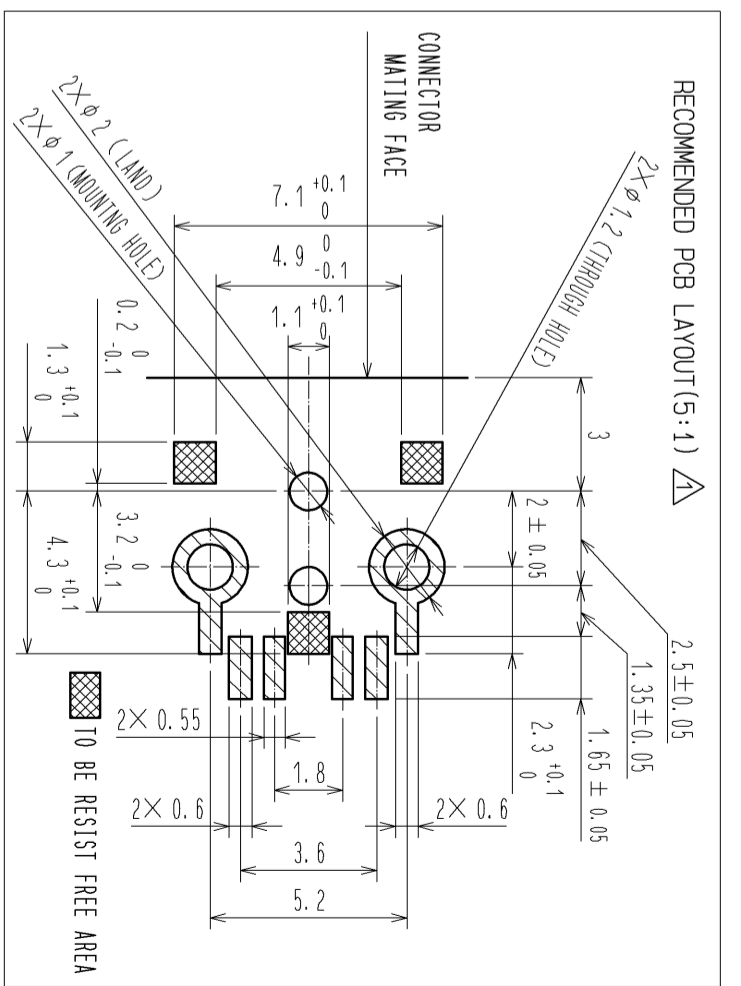
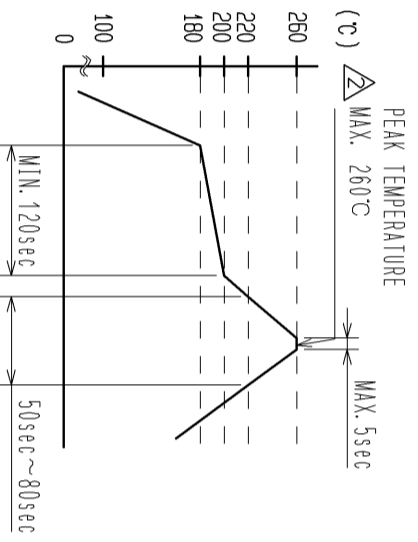


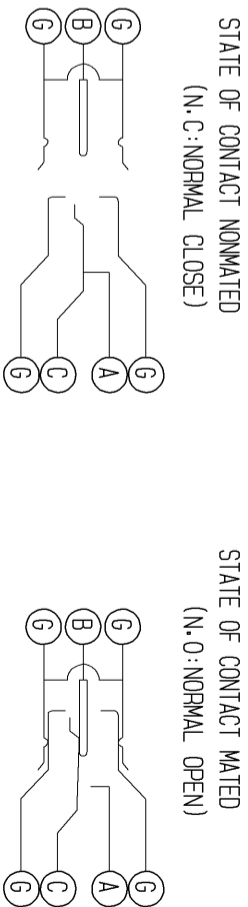
APPLICABLE STANDARD		STORAGE TEMPERATURE RANGE		-40°C TO +85°C	
FREQUENCY RANGE	0.045 TO 3 GHz	CHARACTERISTIC IMPEDANCE	50 Ω		
POWER	4 W	OPERATING HUMIDITY RANGE	% T0 90% (Non condensing)		
OPERATING TEMPERATURE RANGE	-40°C TO +85°C				
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS		QT	AT
CONSTRUCTION			ACCORDING TO DRAWING.		
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				
MARKING	CONFIRMED VISUALLY.				
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz)	50 mΩ MAX.			
INSULATION RESISTANCE	100 V DC.	1000 MΩ MIN.			
VOLTAGE PROOF	100 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.			
V.S.W.R.	FREQUENCY 0.045 TO 1.0 GHz	N.C., N.O.: 1.2 MAX			
	FREQUENCY 1.0 TO 2.0 GHz	N.C., N.O.: 1.4 MAX			
	FREQUENCY 2.0 TO 3.0 GHz	N.C., N.O.: 1.7 MAX			
INSERTION LOSS	FREQUENCY 0.045 TO 1.0 GHz	N.C.: 0.2dB MAX. N.O.: 0.3dB MAX.			
	FREQUENCY 1.0 TO 2.0 GHz	N.C.: 0.4dB MAX. N.O.: 0.5dB MAX.			
	FREQUENCY 2.0 TO 3.0 GHz	N.C.: 0.6dB MAX. N.O.: 1.0dB MAX.			
ISOLATION	FREQUENCY 0.045 TO 1.0 GHz	20 dB MIN.			
	FREQUENCY 1.0 TO 2.0 GHz	18 dB MIN.			
	FREQUENCY 2.0 TO 3.0 GHz	12 dB MIN.			
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	5000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE : 100mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
VIBRATION	FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s ² 1 CYCLE : 11min, 10 CYCLES FOR EACH 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10μs. 2) CONTACT RESISTANCE : 100mΩMAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SHOCK	ACCELERATION : 490 m/s ² DURATION : 11 ms, HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR. (INITIAL VALUE)	INSERTION FORCE : 1~10N WITHDRAWAL FORCE : 3~15N			
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5-35 → +85 → 5-35 °C TIME 30 → 2-3 → 30 → 2-3 min. UNDER 100 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.	1) CONTACT RESISTANCE: 100 mΩ MAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SALT MIST	EXPOSED IN 5±1% TEMPERATURE 35±2°C SALT WATER SPRAY FOR 48h	1) CONTACT RESISTANCE : 100mΩMAX. 2) NO HEAVY CORROSION.			
DAMP HEAT (STEADY STATE)	EXPOSED AT +40°C, 90~95%RH. THEN LEAVE IT FOR ONE HOUR OR TWO IN THE AMBIENT TEMPERATURE AND HUMIDITY.	1) CONTACT RESISTANCE: 100 mΩ MAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
REMARK					
<div style="border: 1px solid black; padding: 5px; display: inline-block;">ROHS COMPLIANT</div>					
N.O SPEC INCLUDE MS-151-C(LP) AND CABLE.					
Unless otherwise specified, refer to IEC-60512.					
Note QT:Qualification Test AT:Assurance Test x:Applicable Test		DRAWING NO.		ELG4-353753-00	
		SPECIFICATION SHEET		PART NO.	
		HIROSE ELECTRIC CO., LTD.		CODE NO.	
		CL358-0345-4-00		MS-151NB-1	
				1/1	



SPECIFIED REFLOW TEMPERATURE PROFILE FOR LEAD-FREE SOLDER



- NOTE 1 IS REFERENCE PLANE FOR PCB MOUNTING.
 SMT READ COPLANARITY SHALL BE -0.05 $+0.03$ -0.07 FOR REFERENCE PLANE.
 2. USE THIS PRODUCT WITH MS-151-C(LP) AND EQUIVALENT CONTACT MATED.
 3. COAXIAL SWITCH CIRCUIT SHALL BE AS FOLLOWS.



4. THIS PRODUCT IS IMPOSSIBLE TO WASH.
 5. USE 0.15mm THICK METAL MASK.
 6. LOT NO. IS MARKED ON THE SPECIFIED SURFACE.
 7. FIX THE CONNECTOR WITH DEVICE CHASSIS AT THE AREA WITHIN 2mm FROM THE OPENING.

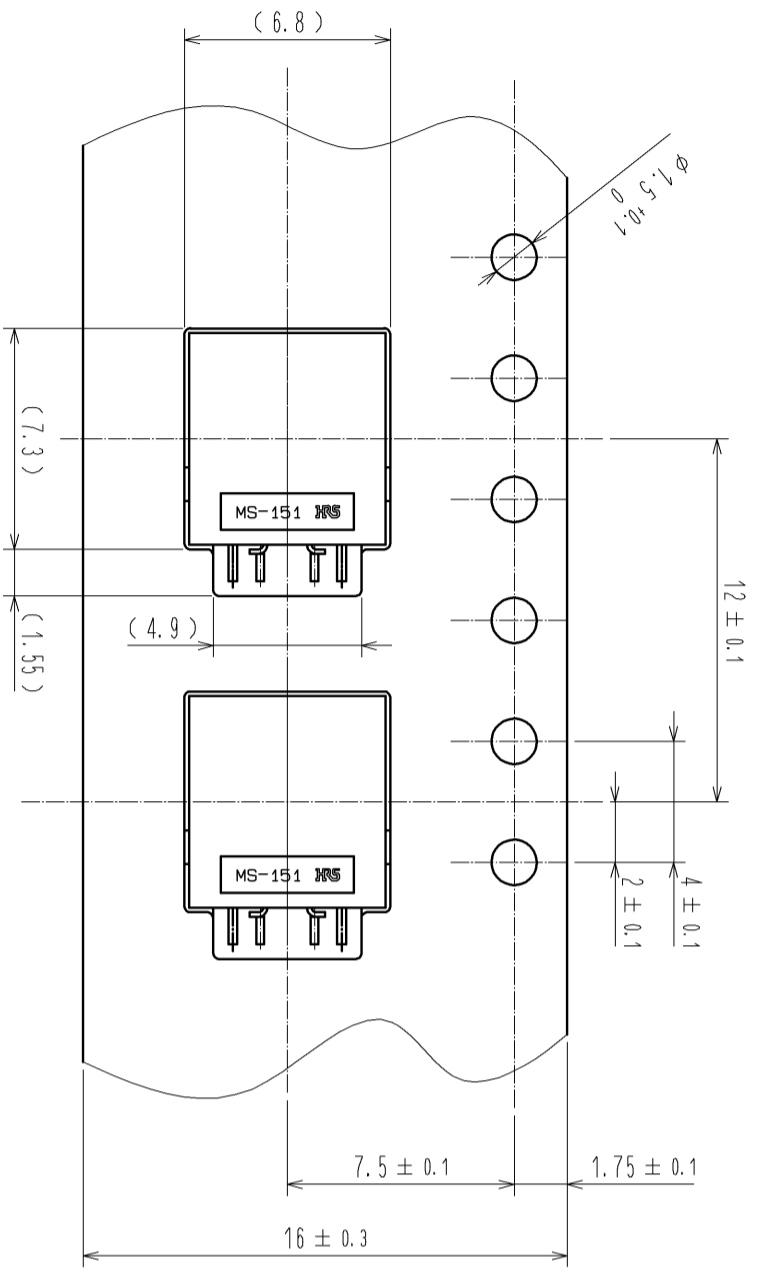
ROHS COMPLIANT

HALOGEN FREE COMPLIANT

3	PHOSPHOR BRONZE	SELECTIVE GOLD PLATING	7	PET
2	STAINLESS STEEL	SELECTIVE GOLD PLATING	6	PS
1	PA-M		5	PHOSPHOR BRONZE
			4	BERYLLIUM COPPER
				SELECTIVE GOLD PLATING

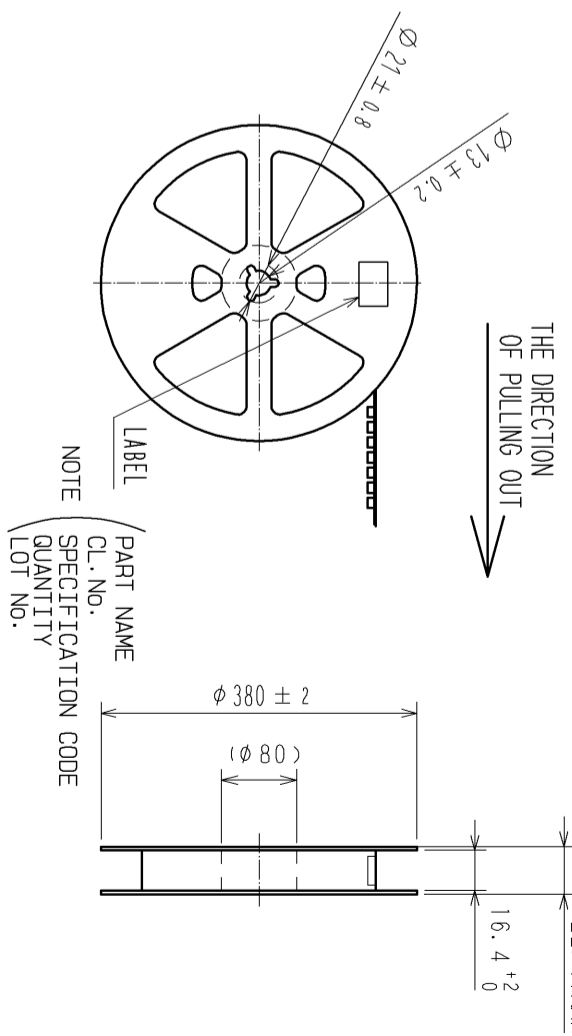
UNITS	mm	SCALE	5 : 1	Δの数	1	訂正記事	DIS-D-003425	設計	RO. FURUYAMA	検図	NK. NINOMIYA	年月日	14.09.30
承認	MH. YAMANE	14.01.27	図番	EDC3-353753-00	承認	MS-151NB-1	14.01.23	製品	CL358-0345-4-00	設計	TS. NAKAGAWA	14.01.23	製品
検図	NK. NINOMIYA	14.01.27	製品名	MS-151NB-1	検図	NK. NINOMIYA	14.09.30						
設計	TS. NAKAGAWA	14.01.23	製品	MS-151NB-1	設計	NK. NINOMIYA	14.09.30						
製図	TS. NAKAGAWA	14.01.23	製品	MS-151NB-1	製図	NK. NINOMIYA	14.09.30						

TAPE AND REEL PACKING(4:1)

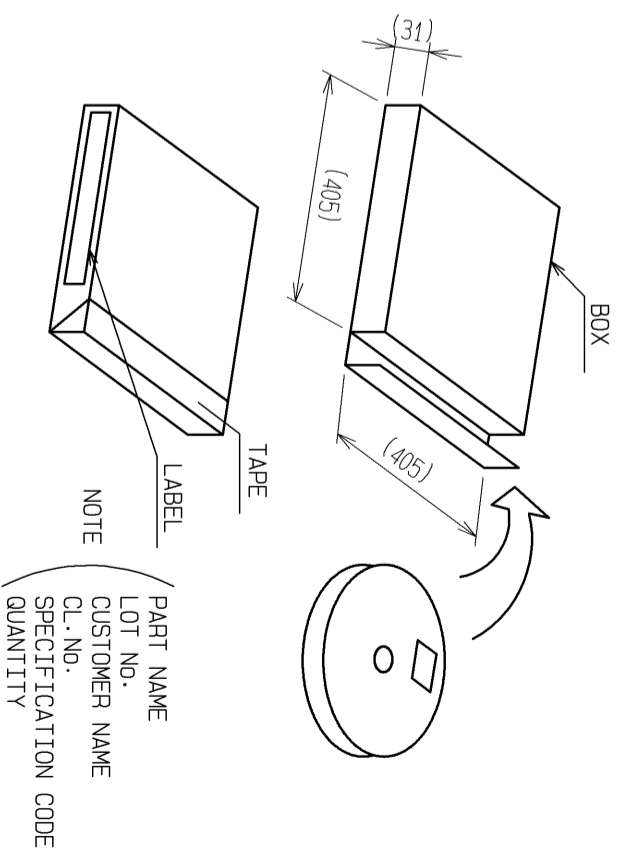


REEL DIMENSIONS (FREE)

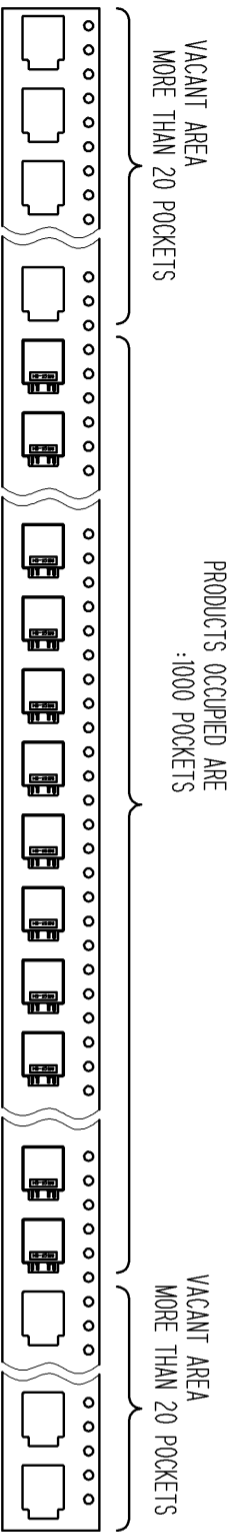
1000 PCS PER REEL



OUTER PACKAGING CASE (FREE)



PACKAGING SPECIFICATION(FREE)



HRS

図番: EDC3-353753-00
製品名: MS-151NB-1
製品: CL358-0345-4-00

2/2