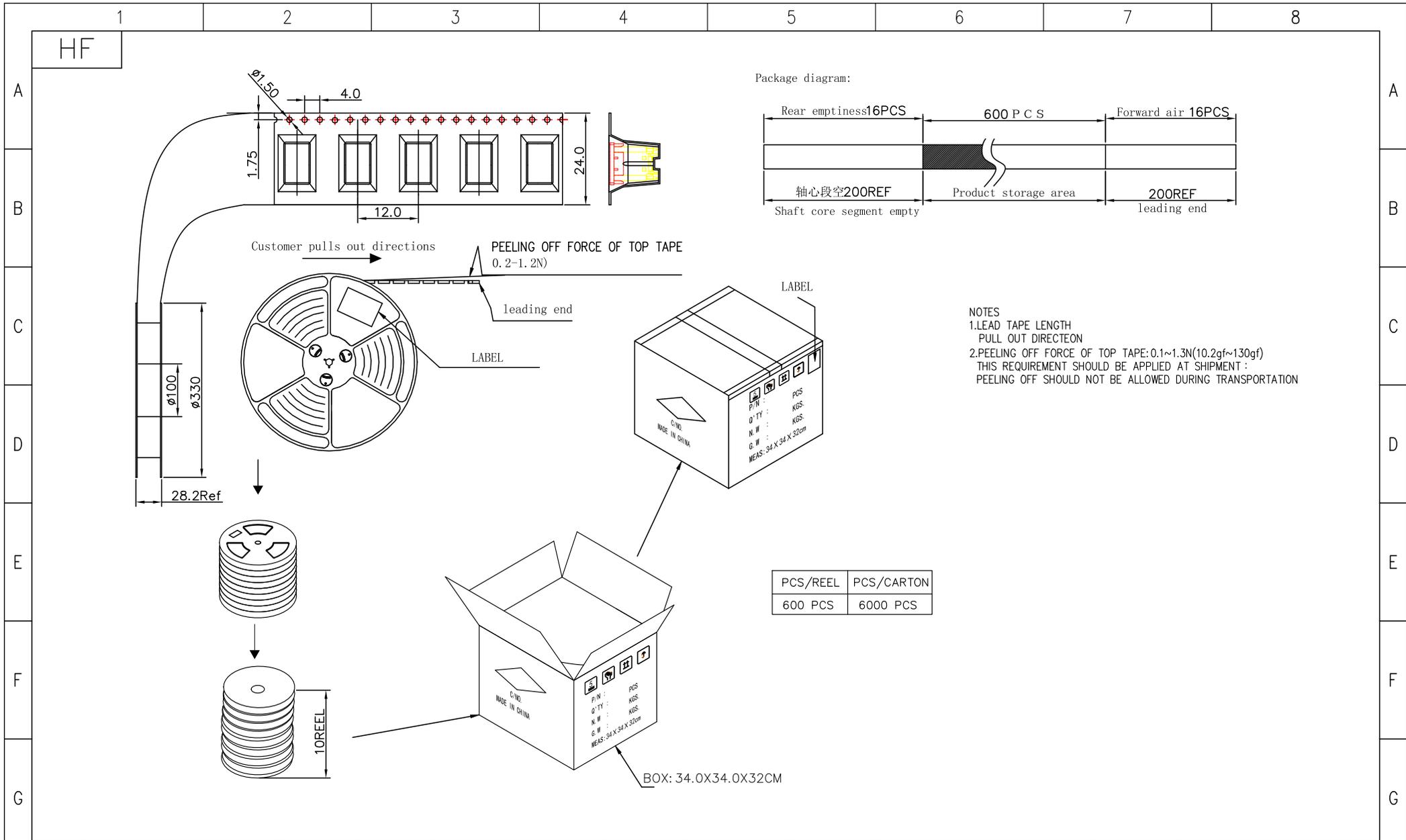


1. MATERIAL:
 - 1-1. HOUSING: LCP+30%G.F UL94V-0
 - 1-2. CONTACT: C7025 T=0.15mm.Ni 50u" MIN. UNDER PLATED OVER ALL. CONTACT AREA AU 1u",AU G/F SOLDER TALL.
 - 1-3. SHELL: SUS304 T=0.30mm.Ni 50u" MIN. UNDER PLATED OVER ALL.
 - 1-4. LATCH: SUS301 T=0.15mm.
2. ELECTRICAL CHARACTERISTICS:
 - 2-1. CURRENT RATING: 5A
 - 2-2. CONTACT RESISTANCE: 40mΩ MAX INITIAL.
 - 2-3. INSULATION RESISTANCE: 100MΩ MIN .
 - 2-4. DIELECTRIC WITHSTAND: 100V AC for 1 MINUTE
3. MECHANICAL CHARACTERISTICS:
 - 3-1. INSERTION FORCE : 5N~20N(5~20N AFTER DURABILITY)
 - 3-2. UNMATING FORCE: 8N~20N(6~20N AFTER DURABILITY)
 - 3-3. LIFE TEST :10,000 CYCLES
4. HIGH TEMPERATURE RESISTANCE: SMT REFLOW SOLDERING (260° ±5°), PLASTIC SHOULD NOT HAVE DEFECTS SUCH AS BLISTERING, MELTING, DISCOLORATION, AND WARPING DEFORMATION WITH THE TOLERANCE RANGE;
5. SOLDERABILITY:
 - THE SURFACE OF THE PORTION TO BE SOLDERED SHALL AT LEAST 95% COVERED.
6. SALT SPRAY TEST: 48H
7. OPERATING TEMPERATURE: -30°C~+85°C

UCB1T-16BBO 1 A N L-H
 PIN NUMBER: 16PIN
 CONTACT: 1: G/F CONTACT AREA
 H: HF
 PACK: L: TAPE REEL
 COLOR: A: Black

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2021. 3. 15		LINEAR	1:1	SKY	2023. 9. 5	UCB1T-16BB01ANL-H	ENDE05				
A1	Change item No	2022. 12. 27		0.0±0.30	ANGLES						APPROVED		
A2	Change item No	2023. 9. 5		0.00±0.25	DESIGNER	GSQ	2023. 9. 5	TITLE	USB-TYPE-C-16P-ERECT-STICKER				
				0.000±0.10						DRAWN	GSQ	2021. 3. 15	
			UNIT: MM							REV	A1	SHEET	1/2



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.		
A0	NEW RELEASE	2021. 3. 15		LINEAR	ANGLES	APPROVED	SKY	2021. 3. 15	UCB1T-16BB01ANL-H	ENDE05		
			UNIT: MM	0.00±0.25	X.X° ±1°	DESIGNER	—	—	TITLE			
			SIZE: A4	0.000±0.15	X.XX° ±0.5°	DRAWN	YYG	2021. 3. 15	USB-TYPE-C-16P-ERECT-STICKER Packing drawing			
									REV	A0	SHEET	2/2

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