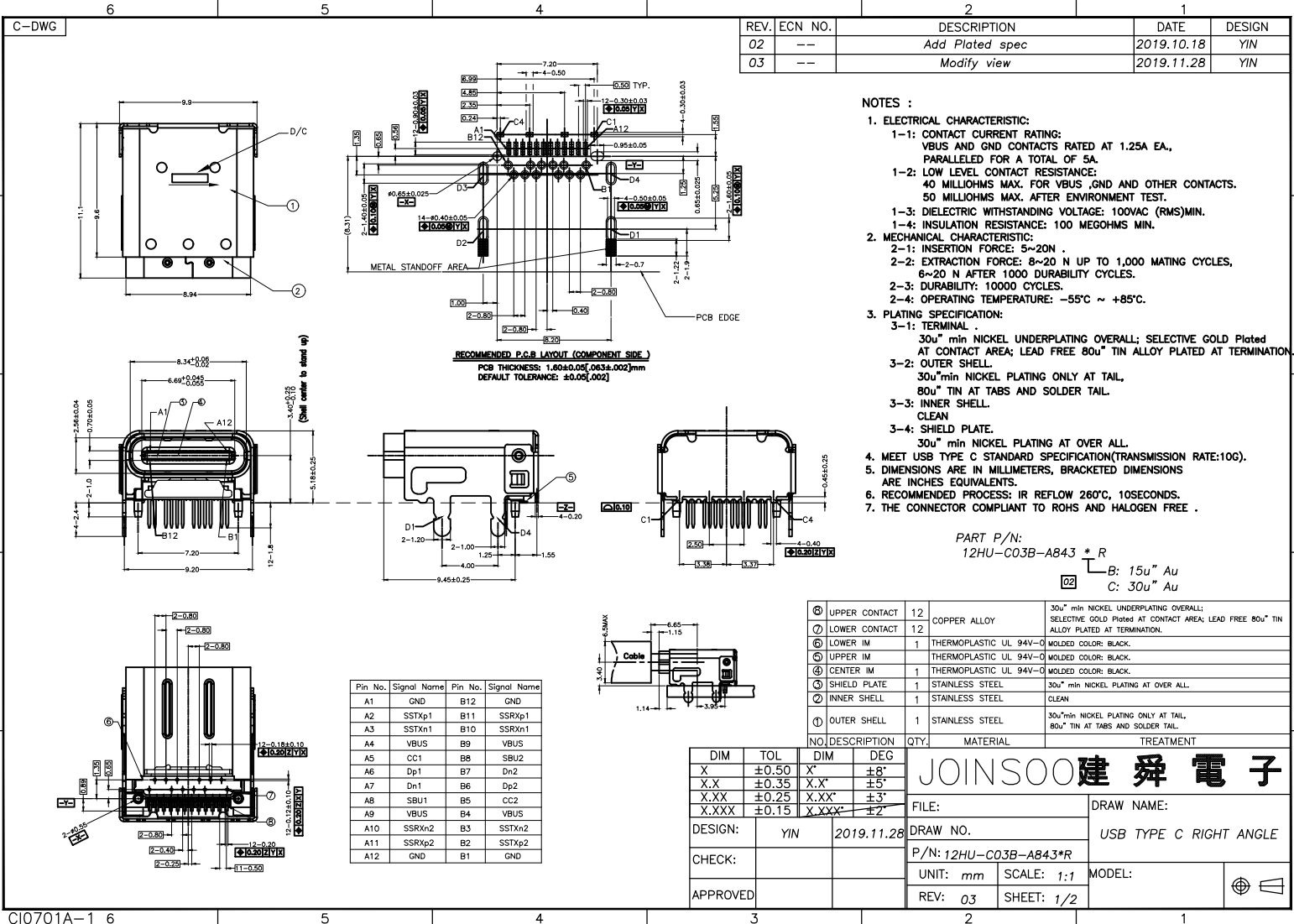




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	--	Add Plated spec	2019.10.18	YIN
03	--	Modify view	2019.11.28	YIN

- NOTES :
- ELECTRICAL CHARACTERISTIC:
 - CONTACT CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 1.25A EA,
PARALLELED FOR A TOTAL OF 5A.
 - LOW LEVEL CONTACT RESISTANCE:
40 MILLIOHMS MAX. FOR VBUS ,GND AND OTHER CONTACTS.
50 MILLIOHMS MAX. AFTER ENVIRONMENT TEST.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC (RMS)MIN.
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
 - MECHANICAL CHARACTERISTIC:
 - INSERTION FORCE: 5~20N .
 - EXTRACTION FORCE: 8~20 N UP TO 1,000 MATING CYCLES,
6~20 N AFTER 1000 DURABILITY CYCLES.
 - DURABILITY: 10000 CYCLES.
 - OPERATING TEMPERATURE: -55°C ~ +85°C.
 - PLATING SPECIFICATION:
 - TERMINAL .
30u" min NICKEL UNDERPLATING OVERALL; SELECTIVE GOLD Plated
AT CONTACT AREA; LEAD FREE 80u" TIN ALLOY PLATED AT TERMINATION.
 - OUTER SHELL.
30u"min NICKEL PLATING ONLY AT TAIL,
80u" TIN AT TABS AND SOLDER TAIL.
 - INNER SHELL.
CLEAN
 - SHIELD PLATE.
30u" min NICKEL PLATING AT OVER ALL.
 - MEET USB TYPE C STANDARD SPECIFICATION(TRANSMISSION RATE:10G).
 - DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS
ARE INCHES EQUIVALENTS.
 - RECOMMENDED PROCESS: IR REFLOW 260°C, 10SECONDS.
 - THE CONNECTOR COMPLIANT TO ROHS AND HALOGEN FREE .

PART P/N:
12HU-C03B-A843 * R
B: 15u" Au
C: 30u" Au

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

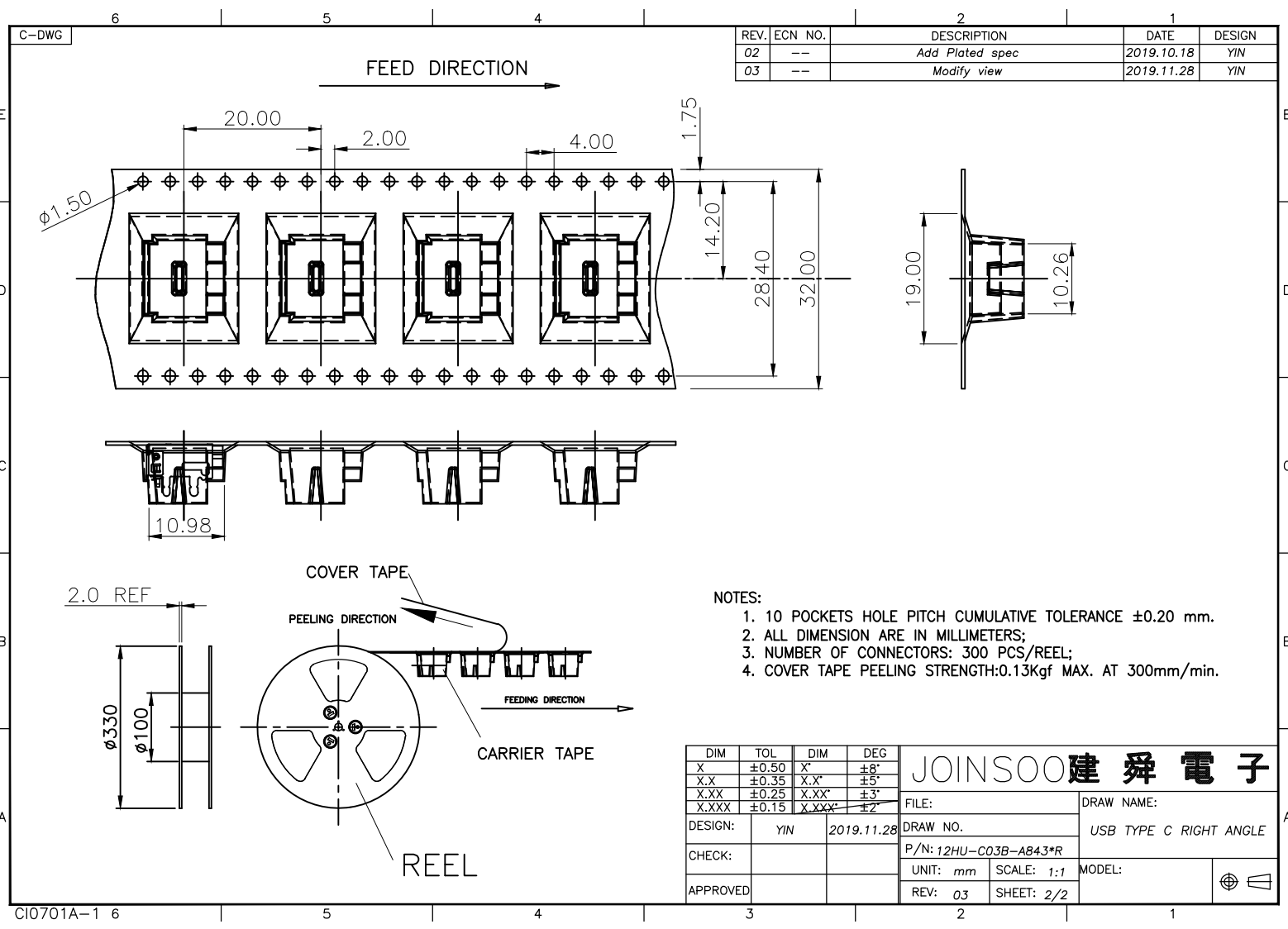
NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT
①	UPPER CONTACT	12	COPPER ALLOY	30u" min NICKEL UNDERPLATING OVERALL; SELECTIVE GOLD Plated AT CONTACT AREA; LEAD FREE 80u" TIN ALLOY PLATED AT TERMINATION.
②	LOWER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
③	UPPER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
④	CENTER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
⑤	SHIELD PLATE	1	STAINLESS STEEL	30u" min NICKEL PLATING AT OVER ALL.
⑥	INNER SHELL	1	STAINLESS STEEL	CLEAN
⑦	OUTER SHELL	1	STAINLESS STEEL	30u"min NICKEL PLATING ONLY AT TAIL, 80u" TIN AT TABS AND SOLDER TAIL.

JOINSOO建舜電子

FILE: DRAW NO. P/N: 12HU-C03B-A843*R UNIT: mm SCALE: 1:1 MODEL: REV: 03 SHEET: 1/2

DESIGN: YIN 2019.11.28 CHECK: APPROVED

DRAW NAME: USB TYPE C RIGHT ANGLE



REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	--	Add Plated spec	2019.10.18	YIN
03	--	Modify view	2019.11.28	YIN

- NOTES:
- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE ± 0.20 mm.
 2. ALL DIMENSION ARE IN MILLIMETERS;
 3. NUMBER OF CONNECTORS: 300 PCS/REEL;
 4. COVER TAPE PEELING STRENGTH: 0.13Kgf MAX. AT 300mm/min.

DIM	TOL	DIM	DEG	JOINSOO建舜電子	
X	± 0.50	X"	$\pm 8^{\circ}$	FILE:	DRAW NAME:
X.X	± 0.35	X.X"	$\pm 5^{\circ}$	DRAW NO.	USB TYPE C RIGHT ANGLE
X.XX	± 0.25	X.XX"	$\pm 3^{\circ}$	P/N: 12HU-C03B-A843*R	
X.XXX	± 0.15	X.XXX"	$\pm 2^{\circ}$	UNIT: mm	SCALE: 1:1
DESIGN:	YIN	2019.11.28		REV: 03	SHEET: 2/2
CHECK:					
APPROVED					