

Dept Qty
 DC 1
 ED 1
 IE 1
 ISO 1
 PD 1
 R&D 1
 SD 1
 QA 1
 QC 1
 QE 1

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 01/18/21'		

- NOTE:
- MATERIAL:
 - HOUSING: HIGH TEMPERATURE PLASTIC UL94 V-0; Black Color
 - CONTACT: COPPER ALLOY. GOLD/Matte Tin PLATED.
 - SHELL: STAINLESS STEEL, Nickel PLATED.
 - MID PLATE: STAINLESS STEEL, Nickel PLATED.
 - ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 50mΩ CHANGE AFTER ENVIRONMENT TEST
 - CONTACT CURRENT RATING: CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PIN1,A4,A9,A12, B1,B4,B9,B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MΩ Min
 - OPERATING TEMPERATURE: -40°C ~ 85°C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20 N.
 - UNMATED FORCE: INITIAL 8~20N; 6~20N AFTER DURABILITY TEST
 - DURABILITY: 10,000 CYCLES

7. Product number code:

DS1144-44 - X X X X X X X X

No. of contacts: 24: 24pin

Connector type: F: Female

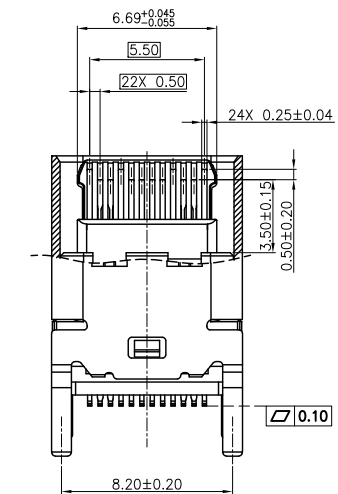
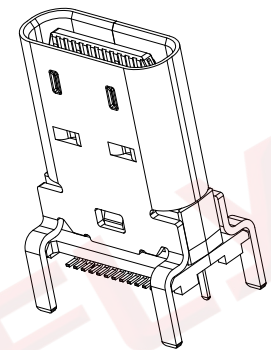
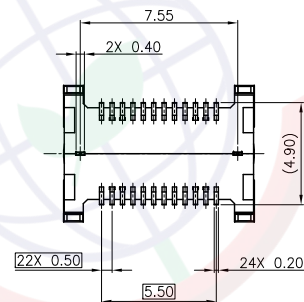
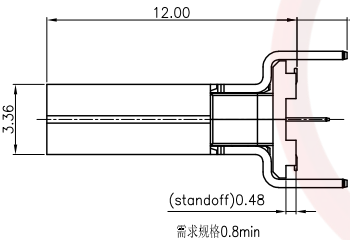
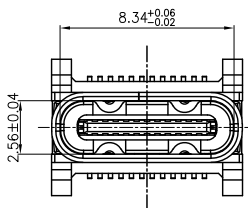
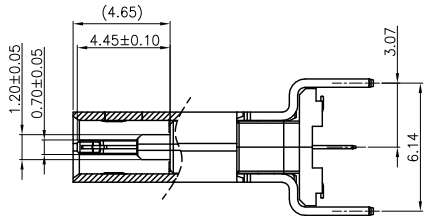
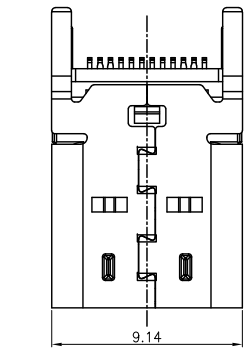
Mounting type: S: SMT type

Packing Type: R: Tape On Reel

Shell Plating: N: Full Nicke

Housing color: B: Black

Contact Plating: 8: Gold flash



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

NO.	VARIETY	MATERIAL	QTY	REMARK
05	CAP	LCP	1	Black UL94 V-0
04	MOULDING HOUSING	LCP OR PA46	1	Black UL94 V-0
03	SHELL	STAINLESS STEEL	1	T=0.40 Plating nickel
02	MID PLATE	STAINLESS STEEL	1	T=0.15 Plating nickel
01	CONTACT	Copper alloy	2	T=0.12 Au 0.76μm Min Contact area, 2μm Min Matte Tin at solder area.

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.60	X. ±5°
.X ±0.38	.X ±3°
.XX ±0.25	.XX ±2°

PROJECTION	TITLE
	USB C Type 24P Female V/T SMT Type H=12.0mm
UNITS: mm	SHEET SIZE: A4
SHEET SIZE: A4	SERIES: DS1144-44 SERIES

DRAWING TYPE	CUSTOMER
SCALE: 1:1	SHEET: 1 OF 1
DRAWING NO.:	C-DS1144-44-XXXXXX-A

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(Series Image-Reference Only)

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