

SPECIFICATION:

1. ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)
1.25A/Pin MAX(A1,A12,B1,B12), 0.25A(OTHER PIN)

1.2 TEMPERATURE RANGE: -40 °C ~ 85 °C

1.3 CONTACT RESISTANCE: 30 MILLIONHM MAX.

1.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s

1.5 INSULATION RESISTANCE: 100 MEGOHMS MIN.

2. MECHANICAL CHARACTERISTICS

2.1 INSERTION FORCE: 5~20N

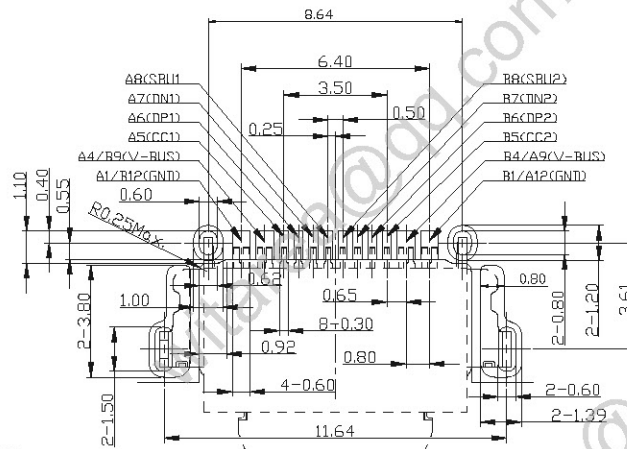
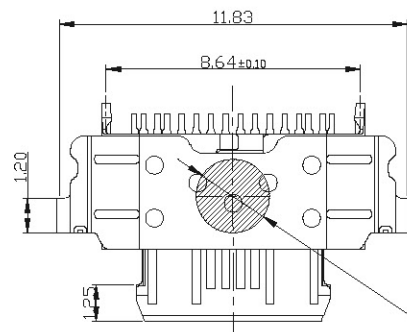
2.2 EXTRACTION FORCE: Initial: 8~20N, AFTER TEST 6~20N

2.3 DURABILITY: 10,000 CYCLES

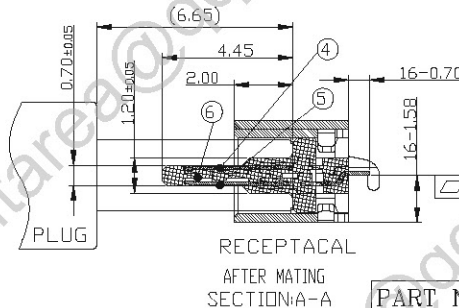
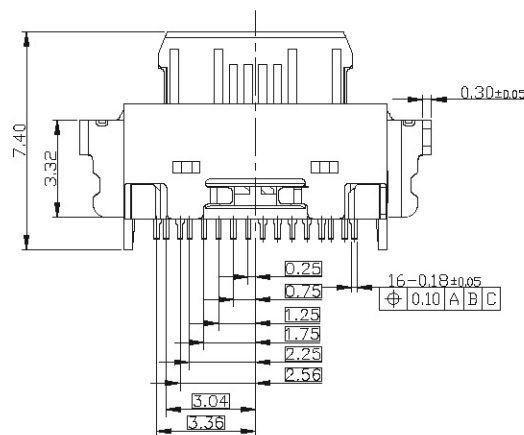
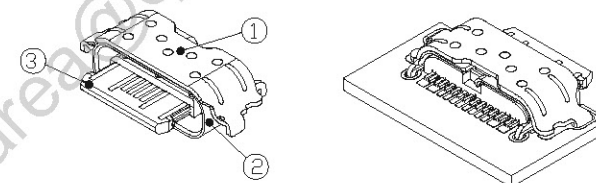
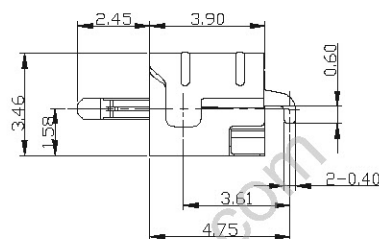
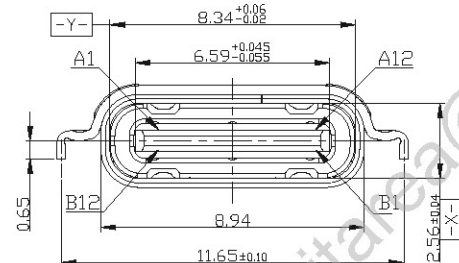
3. ENVIRONMENTAL CHARACTERISTICS

3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C

3.2 IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



RECOMMENDED PCB LAYOUT (THICKNESS: 0.80MM)
PWB TOLERANCE: ±0.05



⑥	MID PLATE	1 PCS	STAINLESS STEEL	NLNO SURFACE TREATMENT
⑤	CONTACT B	1 SET	COPPER ALLOY	NI 50u" MIN. UNDER PLATED OVER ALL.
④	CONTACT A	1 SET	COPPER ALLOY	AU PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N) PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
③	HOUSING	3 PCS	NYLON 46	COLOR: BLACK
②	SHELL	1 PCS	STAINLESS STEEL	30u" MIN. UNDER PLATED OVER ALL.
①	COVER SHELL	1 PCS	STAINLESS STEEL	30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
X.XXXXX	± ---
X.XXX	± 0.10
X.XX	± 0.20
X.X	± 0.30
ANGULAR	± ---°

深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD		DRAWN BY ANDY YANG	DATE 2019-9-17
TITLE TYPE C 2.0 16PIN RECEPTACLE, MID-MOUNT OFFSET 1.58MM, SINGLE ROW SMT, WITH BRACKET, EXPOSED TONGUE, CH=0.01MM, L=7.4MM		CHECKED BY JAMES XIAO	DATE 2019-9-17
DWG. NO. W0026-16-MM1-C2	SHEET NO. 1 OF 1	APPROVED BY JASON ZENG	DATE 2019-9-17
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION