

ROHS Compliant

THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN TETULL PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM TETULL LTD.

NOTE:

1. ELECTRICAL CHARACTERISTICS
 1-1. VOLTAGE RATING: 40V DC MAX
 1-2. CURRENT RATING: 0.5A MAX
 1-3. CONTACT RESISTANCE: 50 milliohms MAX.
 1-4. INSULATION RESISTANCE: 100 Megohms MIN.
 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC
 FOR 1 MINUTE.

2. MECHANICAL CHARACTERISTICS
 2-1. MATING FORCE: 45N MAX
 2-2. UNMATING FORCE: 10N~40N
 2-3. DURIBILITY: 5000 CYCLES
 3. SALT SPRAY: 24H
 4. OPERATING TEMPERATURE: -40°C~85°C
 5. ROHS 2002/95/EC COMPLIANT.
 6. MPQ : 100PCS/TRAY.

Connector Pin Assignment:

1	TMS Dato2+
2	TMS Dato2 Shield
3	TMS Dato2-
4	TMS Dato2+
5	TMS Dato1 Shield
6	TMS Dato1-
7	TMS Dato0+
8	TMS Dato0 Shield
9	TMS Dato0-
10	TMS Clock+
11	TMS Clock Shield
12	TMS Clock-
13	CEC
14	Utility
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ARES	2018.5.14
B	MODIFY	BROKEN	2020.06.28

RECOMMENDED P.C.B. LAYOUT
 TOLERANCE UNSPECIFIED ±0.05mm

TABLE:

P/N	MATERIAL	PLATING
1111904AT001	COPPER ALLOY	AU
1111904AT002	SPCC	NI

SEE TABLE
 Gold Flash On Contact Area
 Tin plated on Solder tail
 All over Nickel Plated

C	SHELL	1	SEE TABLE	SEE TABLE
B	CONTACT	19	COPPER ALLOY	
A	HOUSING	1	HIGH-TEMPERATURE PLASTIC UL94-V0	BLACK

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
TITLE: HDML 19P F CONN 美板式1.6				
PART NO. 1111904AT00X				
DWG BROKEN 2020.06.28				
CHKD				
APVD				
SCALE 1:1				
UNIT: mm				
SIZE: A4				
SHEET: 10F1				
REV: B				

DECIMALS: X :±0.5 X :±2
 X.X :±0.3 X.X :±1'
 X.XX :±0.2

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TETULL CORPORATION