

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. DURABILITY: 5000 CYCLES
- 3. SALT SPRAY: 24H
- 4. OPERATING TEMPERATURE: -40°C~85°C
- 5. ROHS 2002/95/EC COMPLIANT.
- 6. MPQ : 1000PCS/REEL.

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

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	TOM	2015.03.23
B	MODIFY	BROKEN	2017.12.27

Connector Pin Assignment:

Pin	Signal Assignment:
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data2+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	Utility
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

C	SHELL	1	COPPER ALLOY 0.35t	Gold plating all over
B	CONTACT	19	COPPER ALLOY 0.12t	Gold Flash On Contact Area Gold plated on Solder tail All over Nickel Plated.
A	HOUSING	1	HIGH-TEMPERATURE PLASTIC U94-V0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS:	ANGLES:			
X : ±0.5	X : ±2°			
X.X : ±0.3	X.X : ±1°			
X.XX : ±0.2				
TITLE: IDMI C TYPE 19P母座SMT四脚插板		PART NO:	1111903AR007	
DWG		BROKEN	2017.12.27	
CHKD				
APVD				
SCALE 1:1	UNIT: mm			
CUSTOMER COPY	SIZE: A4	SHEET: 10F1	REV: B	

TETULL CORPORATION