

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.

1 2 3 4 5 6 7 8

NOTE:

- ELECTRICAL CHARACTERISTICS
 - VOLTAGE RATING: 15V DC.
 - CURRENT RATING: 1.0 A.
 - CONTACT RESISTANCE: 50 milliohms MAX.
 - INSULATION RESISTANCE: 1000 Megohms MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS
 - RETENTION FORCE: 100gf MIN./PIN.
 - DURABILITY: 5000 CYCLES.
 - SALT SPRAY: 24H.
 - OPERATING TEMPERATURE: -40C~85C.
 - RoHS 2002/95/EC COMPLIANT.
 - MPQ : 750PCS/REEL.

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	JAMES	2011.03.29
B	MODIFY	BROKEN	2014.01.14

SIM pin Assignment	
PIN#	Name
C1	VCC
C2	RST
C3	CLK
C5	GND
C6	VPP
C7	I/O

CIRCUIT DIAGRAM FOR CARD DETECT SWITCH

REFERENCE SIM CARD PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHELL	1	STAINLESS STEEL 0.15T	N/Au PLATING
E	SPRING	1	SWP	-----
D	LINK	1	STAINLESS STEEL	-----
C	SLIDER	1	HIGH-TEMPERATURE PLASTIC U94-10	BLACK
B	CONTACT	7	COPPER ALLOY 0.15t	Gold plated on contact area Tin plated on Solder tail All over Nickel Plated.
A	HOUSING	1	HIGH-TEMPERATURE PLASTIC U94-10	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:	SCALE 1:1	UNIT: mm
SIM CARD 6P+1 PUSH TYPE(002)		
PART NO. 1050601AR002		
DWG BROKEN		2014.01.14
CHKD		
APVD		

CUSTOMER COPY

SIZE: A4 SHEET: 10F1 REV: B

TETULL CORPORATION