

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.

Technical drawings of the component showing top, side, and bottom views with dimensions:

- Top View:** Dimensions include 3.95, 3.00, 4.60, 6.00, 5.70, 0.80, 6.80, 1.05, and 0.30 (+0.15/-0.05).
- Side View (Left):** Dimensions include 12.60 REF, 6.80, 2.00, 0.80, and 10.8.
- Side View (Right):** Dimensions include 1.20, 10.00, 17.00 REF, and 7.00.
- Bottom View:** Shows contact points labeled 1, 3, 7, and 9.

CIRCUIT DIAGRAM

CIRCUIT DIAGRAM

NOTE:

- ELECTRICAL CHARACTERISTICS
 - 1-1. VOLTAGE RATING: 30V AC
 - 1-2. CURRENT RATING: 2.0A
 - 1-3. CONTACT RESISTANCE: 50 milliohms MAX.
 - 1-4. INSULATION RESISTANCE: 100 Megohms MIN.
 - 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS
 - 2-1. MATING & UNMATING FORCE: 0.7kgf ~ 3.5kgf
 - 2-2. DURABILITY: 10000 CYCLES
 - 3. SALT SPRAY: 24H
 - 4. OPERATING TEMPERATURE: -40°C ~ 85°C
 - 5. ROHS 2002/95/EC COMPLIANT.
 - 6. CRITICAL DIMENSIONS : ▽

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	MKE	2011.09.25

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	PCB	1	FR4-1	
C	SHELL	1	SPOC 0.30t	N: PLATING
B	CONTACT	10	C5191 0.20t	Gold Flash On Contact Area Tin plated on Solder tail All over Nickel Plated.
A	HOUSING	1	LCP	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

TITLE: MINI 10P公头绿PCB板板型=17.0 (3点7, 9, 8-10)

PART NO. 1031002GR018

DWG MIKE 2011.09.25

CHND

APVD

SCALE 1:1 UNIT: mm

SIZE: A4 SHEET: 10F1 REV: A

CUSTOMER COPY

TETULL CORPORATION