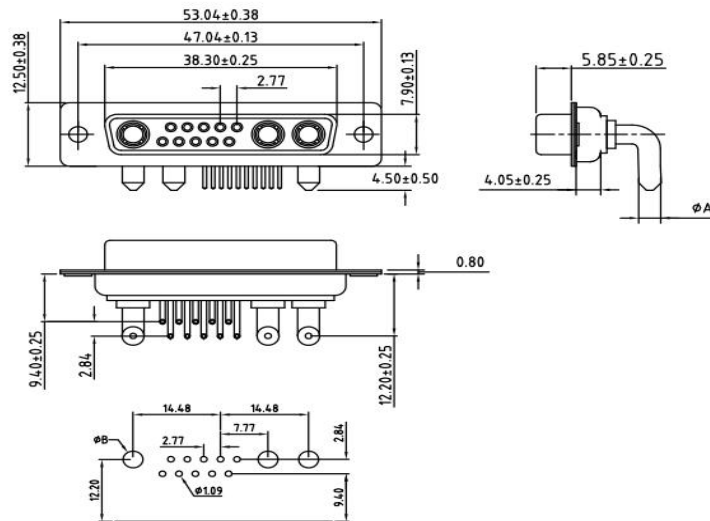


ROHS COMPLIANT

REV.	DESCRIPTION	DATE	ECN NO.
01	NEW DESIGN	2019/04/11	-



RECOMMENDED PCB LAYOUT

REMARKS:

1. MATERIALS AND FINISH

SHELL : STEEL MATERIAL, FRONT NICKEL FINISHED
BACK SHELL TIN FINISHED
INSULATOR : PBT THERMOPLASTIC, 30% GLASS
FILLED, UL 94V-0 RATED
CONTACT MATERIAL : BRASS
CONTACT FINISH : FULL GOLD FLASH

2. ELECTRICAL CHARACTERISTICS

SMALL CURRENT TERMINAL RATING : 5.0 AMPS; HIGH CURRENT TERMINAL RATING: 10~40AMPS
SMALL TERMINAL CONTACT RESISTANCE : 30 MILLIOHMS(MAX).
HIGH CURRENT TERMINAL CONTACT RESISTANCE: 2.7 MOHM(MAX).
DIELECTRIC WITHSTANDING VOLTAGE : 1000 V AC MIN.
INSULATION RESISTANCE : 5000 MEGAOHMS MIN.
TEMPERATURE RATING : -55°C ~ +125°C

Current Rating	Dimension	Dimension
	ϕA	ϕB
40 AMPS	$\phi 3.75$	$\phi 4.20$
30 AMPS	$\phi 3.2$	$\phi 3.75$
20 AMPS	$\phi 2.8$	$\phi 3.28$
10 AMPS	$\phi 1.7$	$\phi 2.20$

DRAWN:	JEFF.ZHOU	2019.04.11	东莞市赢海电子有限公司
CHECKED:	CHENG.LIU	2019.04.11	
APPROVED:	JINGUO.YANG	2019.04.11	
	Sheet 1 of 1	Code 000	
Dimensions in mm(inches)		Scale 1:1	TITLE: GDM13W3F-20A90
TOLERANCE UNLESS SPECIFIED: .XX $\pm$ 0.13		Angles: $\pm 2^\circ$	REV. 01 Part No: C496917