



- NOTES:**
- ELECTRICAL:**
- VOLTAGE RATING : 125 VAC RMS .
 - CURRENT RATING : 1.5 AMP .
 - CONTACT RESISTANCE : 30 MILLIOHMS MAX.
 - INSULATION RESISTANCE : 1000 MEGOHMS MIN. @ 500 VDC.
 - DIELECTRIC STRENGTH : 1000 VAC RMS 60HZ, 1MIN.
- MECHANICAL:**
- HOUSING&INS MATERIAL : GLASS FILLED POLYESTER OR HIGH TEMP. UL94V-0.
 - HOUSING&INS COLOR : SHALLOW GREY OR BK.
 - CONTACT MATERIAL : PHOSPHOR BRONZ T=0.35mm.
 - PLATING : GOLD PLATING OVER NICKEL.
 - OPERATING LIFE : 750 CYCLES MIN.
 - PCB RETENTION PRE-SOLDER : 1 LB MIN.
 - PCB RETENTION POST-SOLDER : 10 LBS MIN.
- ENVIRONMENTAL:**
- STORAGE : -40°C TO +85°C.
 - OPERATION : 0°C TO 70°C.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
 PART NUMBER : N31TX-009-XX

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 PART NUMBER : N31TX-009-XX
- 1-3U" 2-6u" 3-15u"
 4-30u" 5-50u"

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.
1.0 MHZ	65.0	23.0
4.0 MHZ	65.0	23.0
8.0 MHZ	62.0	23.0
10.0 MHZ	60.0	23.0
16.0 MHZ	56.0	23.0
20.0 MHZ	54.0	23.0
25.0 MHZ	52.0	14.0
31.25 MHZ	50.0	14.0
62.5 MHZ	44.0	14.0
100.0 MHZ	40.0	14.0

△ X3	ADD PART NO.	QUAN	092811'
△ X1	ADD PART NO.	ROCK	071510'
△ X1	ADD PART NO.(3)	YANG	032509
△ X1	ADD PART NO.(3)	SAIL	070108
△	ADD PART NO.	SAIL	110707
△	ADD NEW P/N	LINGER	120706
△ X0	NEW DESIGN	LINGER	100806

MARK ECN-NO. 0069900 REVISION RECORD DRAWN DATE

PC Board Layout
 Component Side Shown

GTW
 Contact Technology Co., Ltd.
 Material/Plated/Notes
 SEE NOTE

PART NO.	SEE NOTE	REV.	H
DOC. NO.	NN310A009		

DATE: 2.5/1
 SCALE: 2.5/1
 CHECKED: APPROVED: SHEET: 1/1