

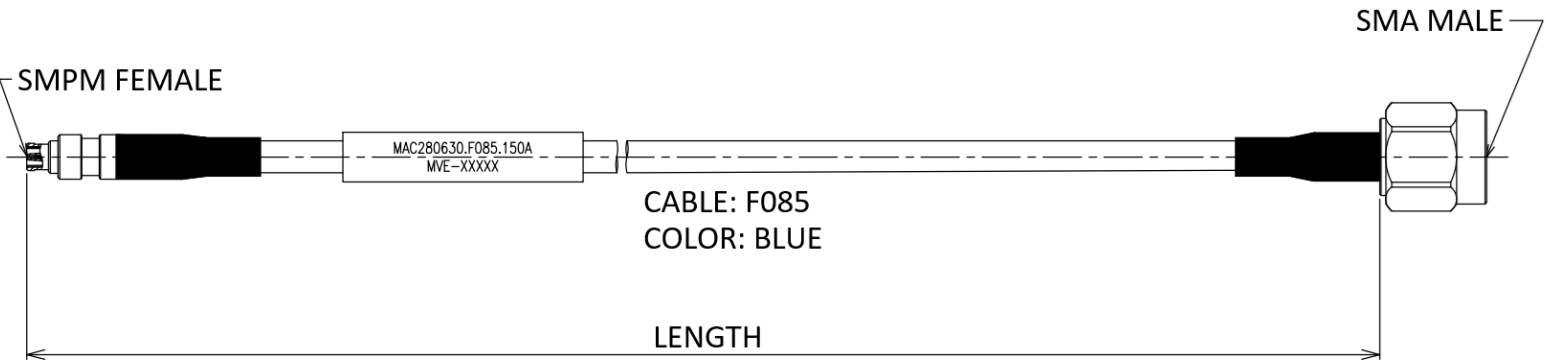
ELECTRICAL DATA

FREQUENCY: DC-12GHz
IMPEDANCE: 50Ω
VSWR: 1.5:1@DC-12GHz
INSULATION RESISTANCE: 500Mega-ohms
DIELECTRIC WITHSTANDING: 500Vrms
CENTER CONTACT RESISTANCE: [20+L(mm)*0.5] Mini-Ohms
OUTER CONTACT RESISTANCE: [12+L(mm)*0.5] Mini-Ohms



MECHANICAL DATA

COUPLING METHED:
SMA—THREADED
SMPM—SNAP ON
DURABILITY(MATING/UNMATING):
SMA—500 CYCLES
SMPM—100 CYCLES



ROHS COMPLIANCE

LENGTH	P/N
300mm±8mm	MAC280630.F085.30A
500mm±10mm	MAC280630.F085.50A
1500mm±20mm	MAC280630.F085.150A
1800mm±20mm	MAC280630.F085.180A

DESCRIPTION	MATERIALS	ROHS COMPLIANCE	UNIT: mm
SMPM FEMALE	BRASS, GOLD PLATED	TOLERANCE: X=±0.38 X.X=±0.25 X.XX=±0.15	
SMA MALE	BRASS, NICKEL/GOLD PLATED	TITLE SMA Male To SMPM Female , Flexible 085 Blue/L:XXcm/Brass Tubing	
INSULATOR	TEFLON		



芝程科技有限公司
www.micro-mve.com
DC-67GHz RF& Microwave Components

PART NO.

MAC280630.F085.XXA

REV

2.4

SIZE: A

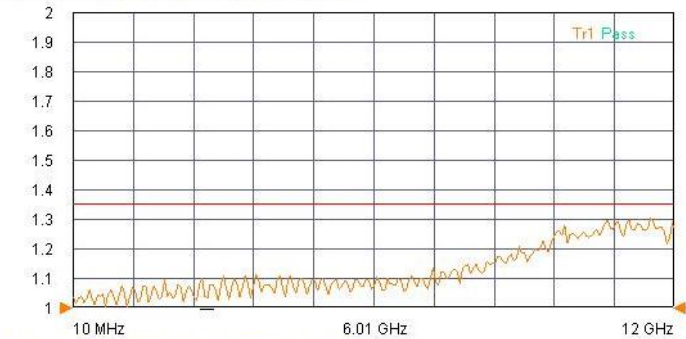
SHEET: 1/1

SCALE:

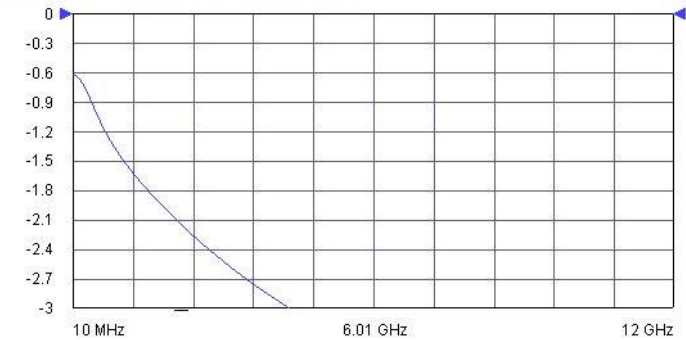
Typical Test Result

PART NUMBER	DESCRIPTION
MAC280630.F085.150A	SMA Male To SMPM Female, Flexible 085 Blue/L:150cm, VSWR<1.5@DC-12GHz

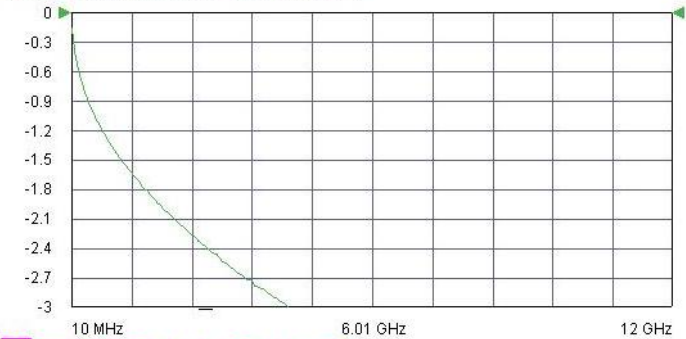
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



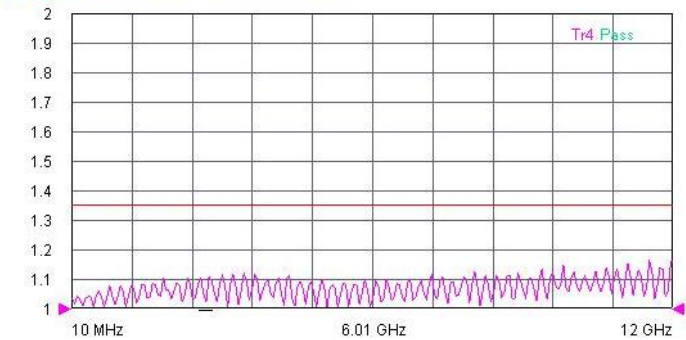
Tr3 S21 Trans LogM RefLvl: 0 dB Res: 0.3 dB/Div



Tr2 S12 Trans LogM RefLvl: 0 dB Res: 0.3 dB/Div



Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div



NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

