

FEATURES

- Micro miniature and low profile
- Low leakage
- High performance at high frequencies
- Low price
- Available cable assembly
- Available for ultra-thin coaxial cables

APPLICATIONS

Portable telephones, mobile telephones, cordless telephones, oscilloscope, GPS, microwave equipment

PART NUMBERING

Part Number	Description
MM3325-2505	Straight jack connector for printed circuits (with male contact)
MM3325-2507	Straight jack connector with insulation spacer for printed circuits (with male contact)
MM3326-2506	Right angle jack connector for printed circuits (with male contact)
MM3327-2514	Straight plug receptacle for use on printed circuit boards—mates with MM3325-2505
MX ^{YH} □□□□□□□□	Right angle plug connector for flexible cables assembly (with female contact) See table on right.

ELECTRICAL SPECIFICATIONS

Item	Rating
Voltage	250V r.m.s.
Frequency	DC to 4GHz
	DC to 2GHz (MM3326-2506 and MM3327-2514 only)
Nominal Impedance	50Ω
Temperature Range	-40°C to +90°C
Insulation Resistance	1000MΩ
Contact Resistance	10mΩ
Withstanding Voltage	300VAC r.m.s.
V.S.W.R.	1.2 Maximum

MATERIALS AND FINISH

Part Name	Materials	Finish
Center Contact	Beryllium copper or Brass	Gold plated
Outer Contact	Phosper bronze	Silver plated or Nickel plated
Insulator	Poly-phenylene sulfide or Poly-butylen terephthalate	None
Outer Sleeve	Brass	Zinc plated

PART NUMBERING FOR CABLE ASSEMBLY

MX
YH
62
XX
200
0

1
2
3
4
5
6

1 Cable assembly
2 4 Cable termination connector code

Number	Connector
YH	MM3621-5901
XX	No Connector

3 Cable number

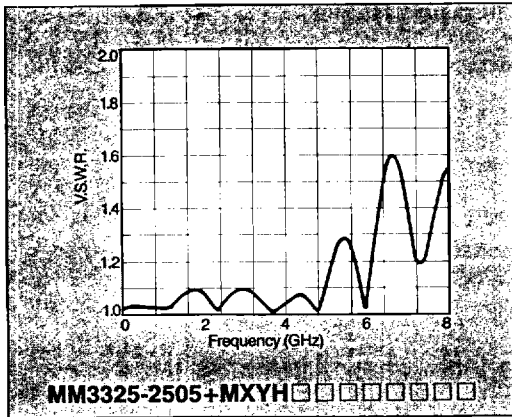
Number	Cable	Outer Diameter	Outer Conductor	Insulation Mtl.
62	0.8D-QEW	2.5mm	Double Shield	Polyvinylchloride
63	0.8D-QEV	2.0mm	Single Shield	Polyvinylchloride
75	CO-6F-DSB-CX50	1.5mm	Double Shield	FEP High Temp. Res.

5 6 Full length of cable assembly
 Length L (mm) = 5 × 10⁶
 Ex. 100mm = 10⁰ × 10⁰ → 1000
 500mm = 500 × 10⁰ → 5000
 1000mm = 100 × 10¹ → 10001

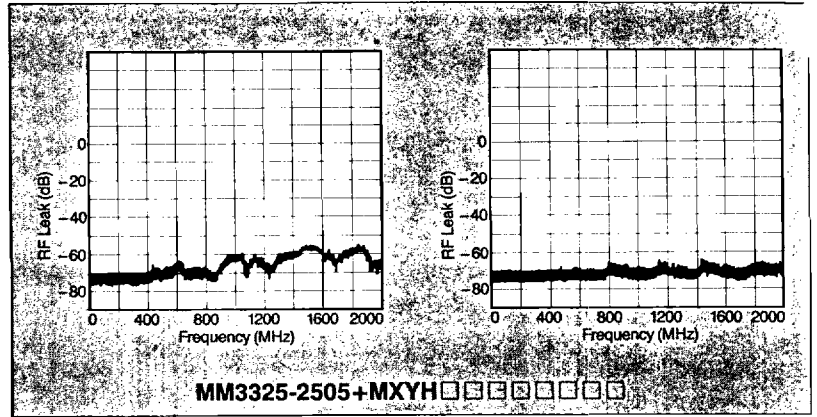
FULL LENGTH TOLERANCE

Full Length (mm)		Dimensional Tolerance (mm)
Over	Max.	
50	100	± 3
100	500	± 4
500	1000	± 10
1000	—	+2% 0

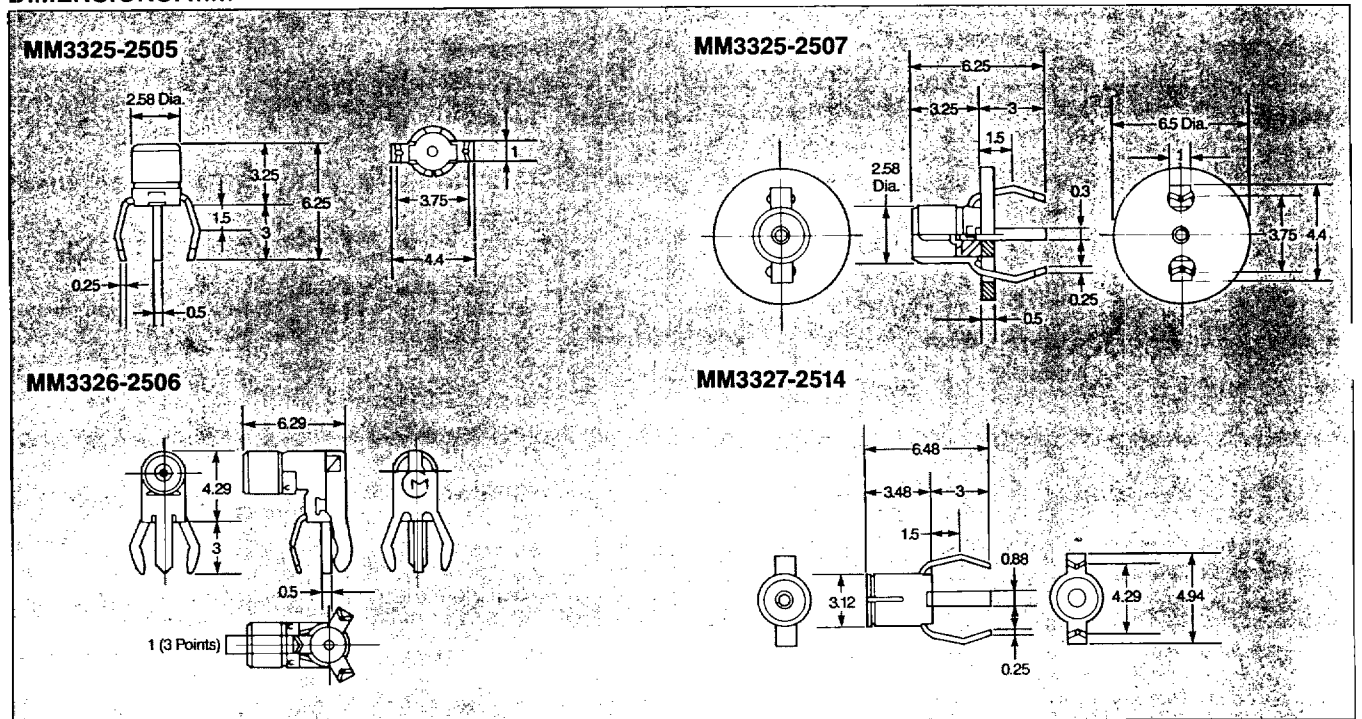
TYPICAL V.S.W.R.



TYPICAL RF LEAKAGE



DIMENSIONS: mm



DIMENSIONS: mm

