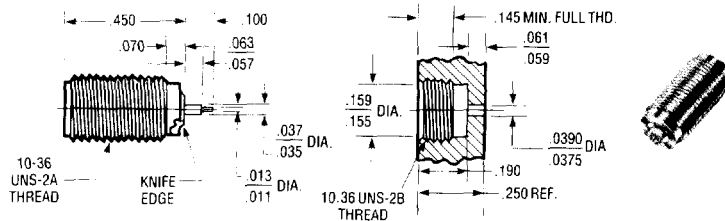


SSMA CONNECTORS

HERMETICALLY SEALED SPARK PLUG

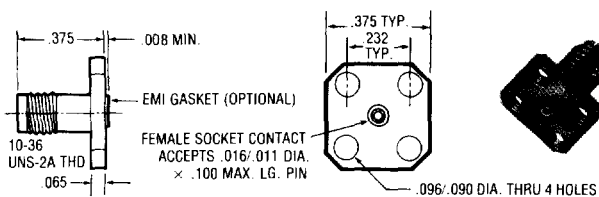


PART NUMBER 9330-0431-6460

GENERAL DESIGN SPECIFICATIONS

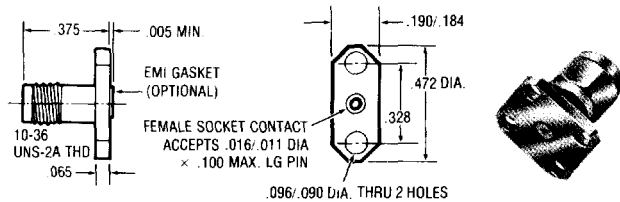
Interface Dimensions:	MD 93 (mates with standard SSMA & OSSM* types)
VSWR, maximum:	1.05 + .006 x FGHz
Frequency Range:	DC to 38 GHz
Insertion Loss, dB maximum:	.05 dB x $\sqrt{\text{FGHz}}$
Nominal Impedance:	50 OHMS
Voltage Rating, maximum VRMS:	250
RF Leakage, dB minimum:	100 - FGHz
Temperature Rating:	-65° C to + 165° C

SSMA JACK (FEMALE SOCKET CONTACT)



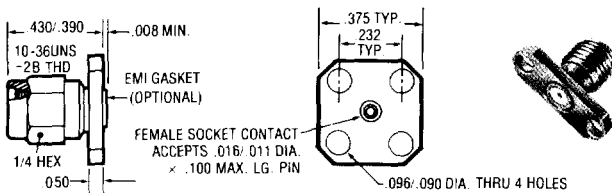
EMI GASKET	ACCEPTS PIN DIA.	MAX. FREQ. GHz	PART NUMBER
WITH	.016/.011	46.0	9754-0781-6215
WITHOUT	.016/.011	46.0	9754-0081-6215

SSMA JACK (FEMALE SOCKET CONTACT)



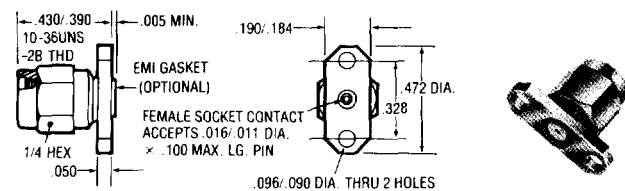
EMI GASKET	ACCEPTS PIN DIA.	MAX. FREQ. GHz	PART NUMBER
WITH	.016/.011	46.0	9752-0781-6215
WITHOUT	.016/.011	46.0	9752-0081-6215

SSMA PLUG (MALE PIN CONTACT)



EMI GASKET	ACCEPTS PIN DIA.	MAX. FREQ. GHz	PART NUMBER
WITH	.016/.011	46.0	9654-0781-6215
WITHOUT	.016/.011	46.0	9654-0081-6215

SSMA PLUG (MALE PIN CONTACT)



EMI GASKET	ACCEPTS PIN DIA.	MAX. FREQ. GHz	PART NUMBER
WITH	.016/.011	46.0	9652-0781-6215
WITHOUT	.016/.011	46.0	9652-0081-6215

GENERAL DESIGN SPECIFICATIONS

Interface Dimensions:	MD 96-46 & MD 97-46 (mates with standard SSMA & OSSM types)
Frequency Range:	DC to 46.0 GHz
VSWR, maximum:	1.05 + .008 x FGHz
Insertion Loss, dB maximum:	.035 dB x $\sqrt{\text{FGHz}}$
Captivated, contact and insulator:	6.0 lbs. minimum
RF Leakage, minimum dB down:	100 dB - FGHz
Temperature Range:	-65° C to + 165° C

MATERIALS AND FINISHES

Body:	Stainless steel; passivated
Contact:	Beryllium copper, heat treated; gold-plated
Insulator:	Teflon®
EMI Gasket:	Silver-plated aluminum in silicon