

SMA JACK ST. BULKHEAD NOTES :

FERRULE	BRASS	GOLD PLATED	1	or Equivalent
CONTACT	BRASS	GOLD PLATED	1	or Equivalent
BODY	BRASS	GOLD PLATED	1	or Equivalent
INSULATOR	TEFLON	NONE	1	or Equivalent
BODY	BRASS	GOLD PLATED	1	or Equivalent
WASHER	IRON	GOLD PLATED	1	or Equivalent
NUT	BRASS	GOLD PLATED	1	or Equivalent
DESCRIPTION	MATERIAL	FINISH	Q' TY	REMARK

MHF PLUG R/A NOTES :

- MATERIAL :
 - SHELL - PHOSPHOR BRONZE, t=0.20±0.02mm or Equivalent
 - CONTACT - PHOSPHOR BRONZE, t=0.12±0.02mm or Equivalent
 - HOUSING - PBT, BLACK, UL94V-0
- PLATING :
 - SHELL - UNDERPLATED 50u" MIN NICKEL ALL OVER, 3u" MIN GOLD IN PLATED AREA.
 - CONTACT - UNDER-PLATE 50u" MIN Ni ALL OVER, 3u" MIN GOLD IN PLATING ZONE.

Specifications

Item	Specification	Conditions
Contact resistance	Center: 20 m ohms max. Outside: 10 m ohms max.	10 mA max.
Insulation resistance	500 M ohms min.	100 V DC
Withstanding voltage	No flashover or insulation breakdown.	200 V AC / 1 minute
V. S. W. R.	1.3 Max at 0.1-3.0GHz, 1.5Max at 3.0-6.0 GHz	Up to 6GHz
Operating temperature range	-40°C to +90°C	
Nominal impedance	50 ohms	

SPECIFICATION

STYLE	105°C 30V	SIZE	RG-178B/U
STANDARD : MIL-C-17			
Conductor	Size	AWG	30
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Conductors Size	mm	0.102
Insulation	O.D.	mm	0.31
	Average Thickness	mm	0.28
	Diameter	mm	0.86 ±0.03
	Material	----	FEP
Braid	Color	----	Clear
	Material	----	Silver-Coated Copper
	Construction	mm	16 / 3 / 0.092
Jacket	Coverage	%	91.8
	Average Thickness	mm	0.25
	Diameter	mm	1.80 ±0.05
	Material	----	FEP
Marking	Color	----	ACCORDING TO CUSTOM
	Non		
Drawing			

Item	RG-178B/U				
Rating Temperature	-55°C ~ +200°C				
Conductor Resistance	828 OHM/KM/20°C MAX.				
Insulation Resistance	3000 MEGA OHM-KM MIN.				
Dielectric Strength	AC 1.0 KV/Minute				
Spark Test	2 KV				
Insulation	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m ²)		
		Elongation	200% MIN.		
Insulation	Aged	Tensile Strength	UNAGED MIN 75%(168HRx232°C)		
		Elongation	UNAGED MIN 75%(168HRx232°C)		
Jacket	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg / m ²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN.75%(168HRx232°C)		
		Elongation	UNAGED MIN.75%(168HRx232°C)		
Nom. Impedance	50±5 Ohms				
Nom. Capacitance	95.8 pF/m				
Nom. Vel. of Prop.	69.5%				
VSWR (0 - 6 GHz)	Max 1.3				
THERMAL SHOCK	Max 1mm at 232°C/1HR				
BEND RADIUS	Min 9mm				
Attenuation (dB/100m)	1GHz	1.8GHz	2.4GHz	5.2GHz	6GHz
	180	260	290	450	490

RoHS Compliant

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. MHFSMA-1R1S178-E13C

DWG NO. MHFSMA-1R1S178-E13C

CHECKED BY CY

TOLERANCES ARE

FILE NO.

DRAWING BY

.X ±
.XX ±
.XXX ±
AWG

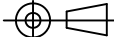
DESCRIP TION:

焜倫股份有限公司

UNIT / mm

SCALE 1:1

PROJECTION



AREA

REVISIONS

HK

DATE