



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

NOTES :

1. MATERIAL

- ① SHELL : PHOSPHOR BRONZE, T=0.2±0.02mm
- ② CONTACT : PHOSPHOR BRONZE, T=0.12±0.02mm
- ③ HOUSING : PBT, BLACK, UL94V-0

2. PLATING :

- ① SHELL : UNDERPLATED 50u" MIN NICKEL ALL OVER, 3u" MIN GOLD IN PLATED AREA.
- ② CONTACT : UNDERPLATED 50u" MIN NI ALL OVER, 3u" MIN GOLD IN PLATED ZONE.

SPECIFICATIONS

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

SPECIFICATION

STYLE	105°C30V UL1979	SIZE	32AWG
STANDARD :			
Conductor	Size	AWG	32
	Material	-----	SilverCoverCopper
	Conductors No.	-----	7
	Conductors Size	mm	0.080
Insulation	O. D.	mm	0.240
	Average Thickness	mm	0.230
	Diameter	mm	0.70± 0.02
	Material	-----	FEP
Braid	Color	-----	Clear
	Material	-----	Tinned Copper
	Construction	mm	16 / 4/ 0.050
	Coverage	%	90
Jacket	Average Thickness	mm	0.120
	Diameter	mm	1.13±0.05
	Material	-----	FEP
	Color	-----	According to custom
Marking	Non		
Drawing			

SPECIFICATION

Electrical & Physical Properties					
Item			32AWG		
Rating Temp Voltage			105 °C30V		
Conductor Resistance			5450HM/KM/20 °CMAX.		
Insulation Resistance			1000 MEGA OHM-KM MIN.		
Dielectric Strength			AC500V/Minute		
Spark Test			1.5 Amp		
Insulation	Unaged	Tensile Strength	2500 PSI MIN. (1.76 Kg/mm ²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGEDMIN. 75%(168HRS×232 °C)		
		Elongation	UNAGEDMIN. 75%(168HRS×232 °C)		
Jacket	Unaged	Tensile Strength	2500 PSI MIN. (1.76 Kg/mm ²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN. 75%(168HRS×232 °C)		
		Elongation	UNAGED MIN. 75%(168HRS×232 °C)		
Nom. Impedance			50±30hms		
Nom. Capacitance			96±3 pF/m		
Nom. Vel. of Prop.			69%		
VSWR Test(0 - 6 GHZ)			Max1.3		
Flame Test			VW-1 OK		
Attenuation (dB/100m)	2.0GHZ	2.4GHZ	2.5GHZ	5.0GHZ	6.0GHZ
	2.80	3.20	3.25	5.05	5.40

RoHS Compliant

TOLERANCES ARE

照片框

ORDER INFORMATION

MHF21SMA-1R1S113-E10C4-LF
 SERIES LEADFREE
 104mm
 MALE TO FEMALE
 1.13 DIA CABLE
 RT/ST

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 PCB CONNECTORS
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煜倫股份有限公司

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DRAWING BY CY
 CHECKED BY GENIUS
 UNIT / mm SCALE 1 : 1
 DATE
 SIZE A4 PPOJECTION

X. ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±

DESCRIPTION: MHFC R/A PLUG TO SMA ST. JACK FOR 1.13 Gray cable L=104mm