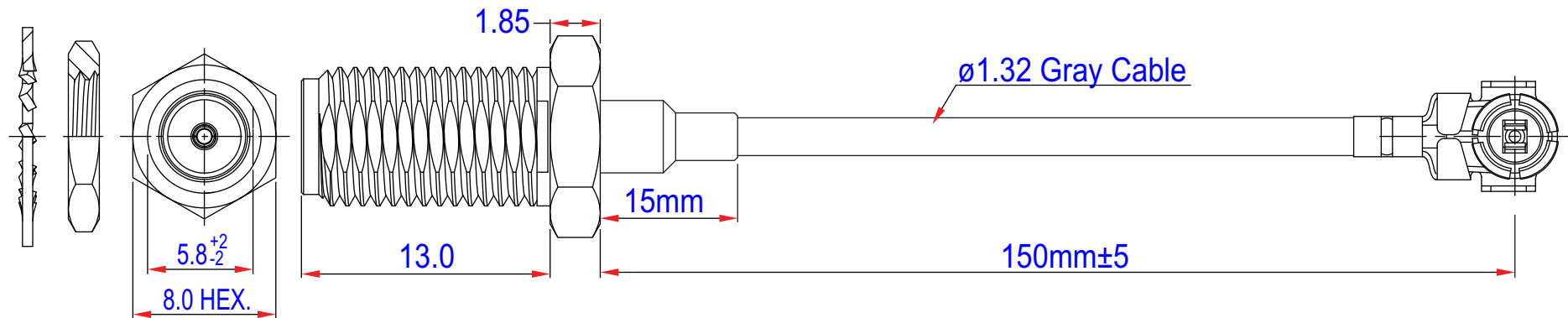




SMA JACK ST. BULKHEAD NOTES :

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	S50C	GOLD PLATED	1	or Equivalent	
NUT	BRASS	GOLD PLATED	1	or Equivalent	
DESCRIPTION	MATERIAL	FINISH	Q	Y	REMARK

NOTES :

1.MATERIAL

- ① SHELL : PHOSPHOR BRONZE, T=0.2±.02mm
- ② CONTACT : PHOSPHOR BRONZE, T=0.12±.02mm
- ③ HOUSING : PBT, BLACK, UL94V-0

2.PLATING :

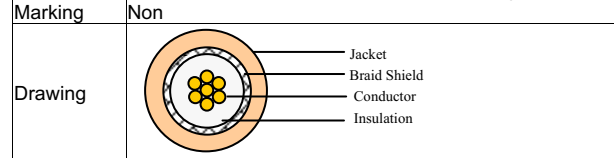
- ① SHELL : UNDERPLATED 50u"MIN NICKEL ALL OVER, 1u"MIN GOLD IN PLATED AREA.
- ② CONTACT : UNDERPLATED 50u"MIN NI ALL OVER, 1u"MIN GOLD IN PLATED ZONE.

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	

SPECIFICATIO

STYLE	105°C 30V UL1979	SIZE	32AWG
STANDARD :			
Conductor	Size	AWG	32
	Material	----	Silver Cover Copper
	Conductors No.	----	7
	Conductors Size	mm	0.080
	O.D.	mm	0.240
Insulation	Average Thickness	mm	0.220
	Diameter	mm	0.68± 0.02
	Material	----	FEP
	Color	----	Clear
Braid Shield	Material	----	Tinned Copper
	Construction	mm	16 / 4 / 0.050
	Coverage	%	90
Jacket	Diameter	%	0.90
	Average Thickness	mm	0.13
	Overall Diameter	mm	1.13±0.05
	Material	----	FEP
Marking	Color	----	According to custom
	Non		



SPECIFICATIO

Elec trical & Physical Properties							
Item				32AWG			
Rating Temp Voltage				105C 30V			
Conductor Resistance				545OHM/KM/20C MAX.			
Insulation Resistance				1000 MEGA OHM-KM MIN.			
Dielectric Strength				AC 1000 V/Minute			
Spark Test				2.5 KV			
Insulation	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg/mm.)				
		Elongation	200% MIN.				
	Aged	Tensile Strength	UNAGEDMIN.75%(168 HRSx232C)				
		Elongation	UNAGEDMIN . 75%(168HRSx232C)				
Jacket	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg/mm)				
		Elongation	200% MIN.				
	Aged	Tensile Strength	UNAGED MIN.75%(168HRS 232C)				
		Elongation	UNAGED MIN.75%(168HRS 232C)				
Nom. Impedance				50±3Ohms			
Nom. Capacitance				96±3 pF/m			
Nom. Vel. of Prop.				69%			
VSWR Test(0 6 GHZ)				Less1.3			
Flame Test				VW-1 OK			
Attenuation (dB/1m)	2GHZ	2.4GHZ	3GHZ	4GHZ	5GHZ	6GHZ	
	2.80	3.10	3.50	4.00	4.60	5.10	

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

MHFSMA-1R1S132-E15C-LF

SERIES

LEADFREE

150mm

MALE TO FEMALE
1.32mm DIA CABLE

RT/ST

DESCRIPTION: MHF R/A PLUG TO SMA ST. JACK FOR 1.32 Gray cable L=150mm