



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°C 30V	SIZE	32 AWG
STANDARD :			
Conductor	Size	AWG	32
	Material	- - -	Silver-Coated Copper
	Conductors No.	- - -	7
	Conductors Size	mm	0.080
Insulation	O.D.	mm	0.240
	Average Thickness	Mm	0.22
	Diameter	mm	0.68±0.02
	Material	- - -	FEP
Braid	Color	- - -	Clear
	Material	- - -	Silver-Coated Copper
	Construction	mm	16 / 4 / 0.05
	Coverage	%	90
Jacket	Average Thickness	mm	0.13
	Diameter	mm	1.13±0.05
	Material	- - -	FEP
	Color	- - -	GRAY
Drawing	UBIQUITOUS		

SPECIFICATION

Electrical & Physical Properties					
Item			32 AWG		
Rating Temp Voltage			105 °C 30V		
Conductor Resistance			545 OHM/KM/20°C MAX.		
Insulation Resistance			1000 MEGA OHM-KM MIN.		
Dielectric Strength			AC 500V/Minute		
Spark Test			2.5 KV		
Insulation	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)		
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 Ohms± 3 Ohms		
Nom. Capacitance			95± 3 pF/m		
Nom. Vel. of Prop.			69%		
VSWR (0 - 6 GHZ)			Max 1.3		
Flame Test			VW-1 OK		
Attenuation (dB/100m)	500MHZ	1.8GHZ	2.4GHZ	5.2GHZ	6GHZ
	1.40	2.83	3.40	5.40	5.90

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm

SCALE 1:1

DATE

SIZE A4

PPOJECTION

X.±
.X±
.XX±
.XXX±
ANG±

照片框

ORDER INFORMATION

MHFX2-1R1R113-M7C5-LF

SERIES

LEADFREE

75mm
MALE TO MALE

RF COAXIAL GABLE WITH O/D ø1.13mm

RT/RT

DESCRIPTION: MHFC MALE TO MHFC MALE FOR 1.13 CABLE GRAY L=75mm