

Impedance	50Ω
Frequency range	0-3 GHz
VSWR(straight connectors)	≤ 1.22 typ
Insulation resistance	>math>= 5 \times 10</math> MΩ
Center contact resistance	≤ 10.0 mΩ
Outer contact resistance	≤ 5.0 mΩ
Test voltage	1000V rms
Working voltage	500V rms
Insertion loss(dB)	≤ 0.1dB max/1GHz typ

8	Washer	Brass	Nickel
7	Nut	Brass	Nickel
6	Heat Shrink	G5/600V	Black
5	Support	Delrin	White
4	Solder Ring	Brass	Gold
3	Insulator	Teflon	White
2	Contact	Brass	Gold
1	Body	Brass	Nickel
No.	Description	Material	Finish

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		BLACK
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 /mm²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN 75%(168HRSx232°C)		
		Elongation	UNAGED MIN 75%(168HRSx232°C)		
Jacket	Unaged	Tensile Strength	2500 PSI MIN.(1.76 Kg /mm²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN.75%(168HRSx232°C)		
		Elongation	UNAGED MIN.75%(168HRSx232°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

DRAWING BY CY

CHECKED BY GENIUS

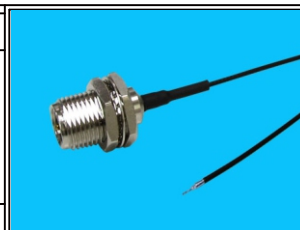
UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

PPOJECTION



ORDER INFORMATION

FME X1-1S1X113-M15C-LF
SERIES | LEADFREE
150mm
MALE
1.13mm DIA CABLE
ST

DESCRIPTION:

煜倫股份有限公司

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