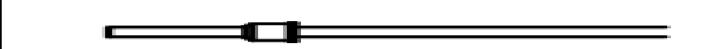


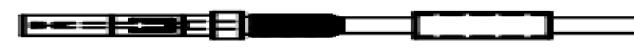
BUILD INSTRUCTIONS:
SLIDE AMPHENOL SINE SYSTEMS ALIGNMENT COLLAR 20-80646
ON COAX CABLE (PURCHASED SEPARATELY).



PREP CABLE AS SHOWN ABOVE. SOLDER CENTER CONTACT ONTO THE CENTER CONDUCTOR.



SLIDE THE CRIMP FERRULE OVER THE COAX CABLE AND PUSH THE CENTER PIN INTO COAX CONTACT.



CRIMP FERRULE USING DANIELS CRIMPER HX4 AND DIE SET Y193.



Electrical Characteristics:

Characteristic impedance:	50Ω
Working voltage:	500V(rms)
Frequency range:	0-10GHz
Dielectric withstanding voltage:	750V(volts RMS)
Contact resistance:	Center contact: $\leq 10\text{m}\Omega$, Outer contact: $\leq 3\text{m}\Omega$
Insulation resistance:	$\geq 1000\text{M}\Omega$
VSWR:	$\leq 1.30(0-3\text{GHz})$

Note:

1. Match cable: RG-316/U
2. Center contact :Solder
3. Outer contact: Crimp

NO.	Title/Name	Copper alloy	Nickel	1	
4	Ferrule				
3	Body	Brass	Gold	1	
2	Insulator	PTFE	---	1	
1	Center contact	Beryllium copper	Gold	1	
NO.	Title/Name	Material	Finish	QTY	Remark

Customer Code. Customer part NO.
AFN

AMPHENOL

Unless otherwise specified tolerance

Designed Date

X.XX±0.1

X±0.3

J-0030

2011.01.28

X.X±0.2

Ang.±1°

Checked Date

J-0006

2011.01.28

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Drawing No

MIM.1212006/R/1

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Scale 5:1

Sheet 1/1

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