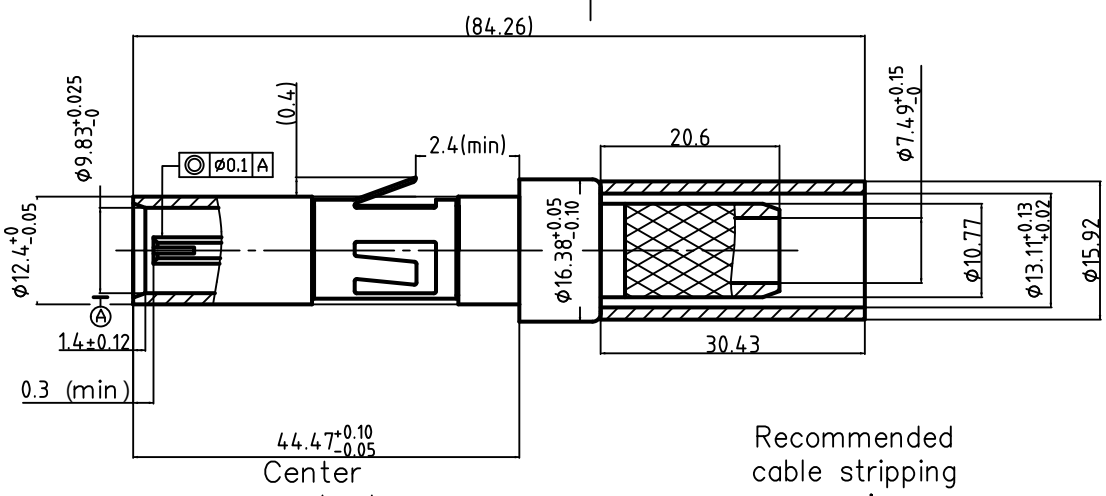
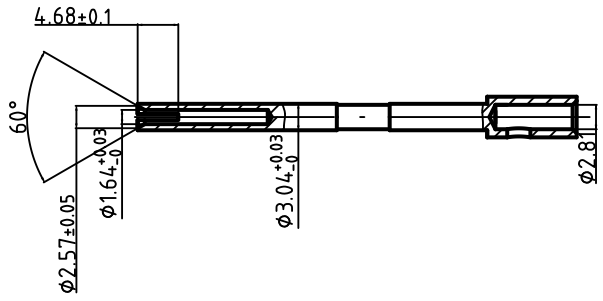
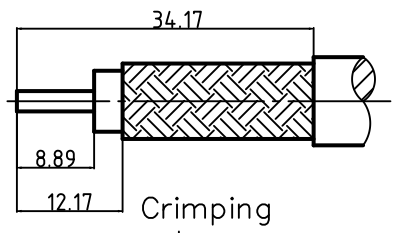


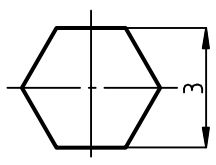
Center contact

Recommended cable stripping dim's

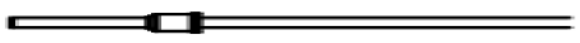




Crimping hex. for the ferrule



BUILD INSTRUCTIONS:
SLIDE AMPHENOL SINE SYSTEMS ALINMENT 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: ≤10mΩ, Outer contact:≤3mΩ
Insulation resistance:	≥1000MΩ
VSWR:	≤1.30(0-3GHz)

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

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

Customer Code. AFN	Customer part NO.		
Unless otherwise specified tolerance		Designed J-0030	Date 2011.01.28
X.XX±0.1	X±0.3		
X.X±0.2	Ang.±1°	Checked J-0006	Date 2011.01.28

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AMPHENOL

Part No MIM-K2.5Y

Drawing No MIM.1212006/R/1

Rev. V6.0

Scale 5:1 Sheet 1/1