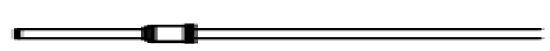


D BUILD INSTRUCTIONS:
 SLIDE AMPHENOL SINE SYSTEMS ALIGNMENT COLLAR
 20-80646 ONTO COAX CABLE (PURCHASED SEPARATELY).



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

| | | | | | |
|-----|----------------|------------------|--------|-----|--------|
| 4 | Ferrule | Copper alloy | Nickel | 1 | |
| 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. AFN | Customer part NO. | Designed J-0030 | Date 2011.01.28 |
| Unless otherwise specified tolerance X.XX±0.1 | X±0.3 | Checked J-0006 | Date 2011.01.28 |
| X.X±0.2 | Ang.±1° | | |
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| | |
|-----------------|------------------------|
| AMPHENOL | |
| Part No | MIM-J2.5Y |
| Drawing No | MIM.1212005/R/1 |
| Scale 5:1 | Sheet 1/1 |
| Rev. | V6.0 |