NOTES:
1. DESCRIPTION:
   CABLE ASSEMBLY, 3SA FEMALE TO 2.9mm PLUG, RUGGEDIZED, SUITABLE FOR COMPLEX, CONGESTED INSTALLATIONS.
   WHEN INSTALLED AND BENT AT THE MINIMUM BEND RADIUS, MICROBEND 3KR WILL TOLERATE MULTIPLE ±90° ROTATIONS
   AT THE CABLE CONNECTOR JUNCTION.
   MATED PERFORMANCE MEETS OR EXCEEDS THE REQUIREMENTS OF "MSSS" CONNECTORS.
   "MSSS" IS A TRADE NAME OF "MICRO-MODE".

2. CABLE:
   COAXIAL CABLE H+S Astrelab P/N 32041E.
   MEETS OR EXCEEDS MIL-STD-17.
   SEE H+S Astrelab CONTROL DRAWING FOR MATERIALS AND FINISHES.

3. CONNECTOR – A, 3SA FEMALE:
   H+S Astrelab P/N 25967CR-32-41
   IAW MIL-STD-338.
   SEE H+S Astrelab CONTROL DRAWING FOR MATERIALS AND FINISHES.

4. CONNECTOR – B, 2.9mm PLUG:
   H+S Astrelab P/N 25094KCR-32-41
   IAW MIL-STD-338.
   SEE H+S Astrelab CONTROL DRAWING FOR MATERIALS AND FINISHES.

5. MARKING:
   DIRECTLY ON CABLE, NONE.
   ALL MARKING WILL BE DONE ON PACKAGING.

6. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE:
   50.0 Ohms NOMINAL.
   FREQUENCY, INSERTION LOSS AND VSWR, SEE CHART.

7. MECHANICAL:
   OPERATING TEMPERATURE RANGE,
   -55° C TO +125° C.
   MECHANICAL PERFORMANCE, GUARANTEED 10.0 LBS.
   (4.5 N) PULL FORCE.

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NOTES CONTINUED:

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ROHS 6 COMPLIANT

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CONTROL DRAWING

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HUBER+SUHNER
Astrelab

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THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTRELAB.

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CABLE ASSEMBLY, microbend TYPE, 3SA FEMALE TO 2.9 mm PLUG

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NAME | DATE
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PREP. | GSG | 10/09/07
ELEC. | RF | 10/09/07
MECH. | AW | 10/09/07
Q.C. | | |

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TITRE

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CABLE ASSEMBLY, microbend TYPE, 3SA FEMALE TO 2.9 mm PLUG

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UNLESS OTHERWISE SPECIFIED:
CONCENTRICITY, +0.000, TOLERANCE.
CORNERS AND FILLETS, 0.005 MAX.
RADIUS OR CHAMFER.
SURFACE FINISH 3A RMS.
MICROFINS OR BETTER.

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FRACTIONS: ± 1/16
X ± 0.030
XX ± 0.015
XXX ± 0.005

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ANGLES: ± 1°

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SCALE: 1:1
CODE IDENT: 16301
DWG NO.:

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REV.

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DO NOT SCALE DRAWING

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D COMPANY LOGO UPDATED 01/15/13 KC EBS

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REV.

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DESCRIPTION | APPROVED
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THOS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STD. FEDERAL SERVICES 1965 SUP.
TO HANDBOOK H 28.