1. DESCRIPTION:
   CONNECTOR, HIGH PRECISION, HIGH POWER PSM PLUG,
   FOR HUBER+SUHNER Astrolab 32021E CABLE
   (LOW LOSS / PHASE STABLE) astro-STEEL-flex II
   CONNECTOR IS RUGGEDIZED AND IT IS SUITABLE FOR
   COMPLEX, CONGESTED INSTALLATIONS.
   CONNECTOR IS LOW OUTGASSING AND MEETS
   NASA REQUIREMENTS FOR SPACE APPLICATIONS.

2. MATERIALS AND FINISHES:
   BODY, CONTACT AND SNAP RING,
   BERYLLIUM COPPER ALLOY PER ASTM B-196,
   UNS No. C17300, TEMPER T204[H].
   GOLD PLATED 100 μm (2.54μm) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II,
   OVER
   30 μm (0.76 μm) MIN. COPPER FLASH.
   BACK NUT,
   STEEL, CORROSION RESISTANT PER ASTM A-582,
   UNS No. S30300, COND. A, NON MAGNETIC.
   GOLD PLATED 50 μm (1.27 μm) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II
   OVER
   NICKEL PLATE PER AMS-2433, CLASS 1.
   DIELECTRIC,
   POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
   OR ASTM D-4894, TYPE I, GRADE 1.

3. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE
   50.0 Ohms NOMINAL.
   FREQUENCY
   18 GHz MAX.

4. PSM PLUG INTERFACE I A W HUBER+SUHNER A.G.
   PUBLISHED INFORMATION.

5. OPERATING TEMPERATURE RANGE
   -55°C TO +125°C

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**TABLE**

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**PSM PLUG, FOR H+S Astrolab 32021E mini141 H CABLE**

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**NOTES:**

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**REV.**

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**ECN No. 20324**

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**06/19/18**

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**KF**

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**DESCRIPTION**

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**DATE**

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**BY**

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**APPROVED**

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**DO NOT SCALE DRAWING**

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**SCALE**

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**2:1**

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**DWG. NO.**

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**11_PSM-50-3-3**

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