1. DESCRIPTION:
   - CONNECTOR, HIGH PRECISION, HIGH POWER PSM JACK, FOR HUBER-SUHNER Astrolab 32021E CABLE (LOW LOSS / PHASE STABLE) astro-STEEL-Hex II.
   - This 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 AND CONTACT:
     - BERYLLIUM COPPER ALLOY PER ASTM B-196, UNS No. C17300, TEMPER TD04/H11.
     - Gold plated 100 μin (2.54 μm) MIN. THK. PER ASTM B-488, CODE C, TYPE II.
     - Over: 30 μin (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 μin (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 JACK INTERFACE IAW HUBER-SUHNER A.G. PUBLISHED INFORMATION.

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