PANEL CUTOUT (PC5)

TORQUE MOUNTING NUT TO 27.0±2.7 IN-LBS [3.05±0.30 Nm]

NOTES:

1.0 DESCRIPTION,
ADAPTOR, HERMETIC, VENTED, BULKHEAD, PSM JACK TO TNC JACK.

2.0 MATERIALS AND FINISHES,
PSM BODY AND CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER T004-H1.
GOLD PLATED 50 μm (1.27 μm) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER 30 μm (0.76 μm) MIN. COPPER FLASH.
TNC BODY AND MOUNTING NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC.
PASSIVATED PER SAE-AMS-2700.
NO Dichromate SOLUTIONS USED.
TNC CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER T004-H1.
GOLD PLATED 50 μm (1.27 μm) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER NICKEL PLATE, 50 μm (1.27 μm) MIN. THK.
PER SAE-AMS-00-Q-N-290, CLASS 1.
FEEDTHRU PIN,
NICKEL-IRON ALLOY No. 52, PER ASTM F-30, UNS K95050.
NICKEL PLATED, 100 μm MIN. THK. PER SAE-AMS-QQ-N-290,
OR ASTM B-689 CLASS 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4994, TYPE I, GRADE 1, CLASS A AND
CORNING No. 9013 LOCK WASHER,
COPPER ALLOY UNS No. C425xx SERIES PER ASTM B-591 OR
COPPER ALLOY UNS No. C5xxx SERIES PER ASTM B-103,
NICKEL PLATED 100 μm MIN. THK. (2.54 μm)
PER SAE-AMS-C-26074 OR ASTM B-733.
D-RING,
SILICONE RUBBER PER QSA CID A-A-59588-28
AND SAE-AMS-3304.

NOTES CONTINUED:

3.0 ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
10.0 GHz MAX.
INSERTION LOSS
0.60 dB MAX.
VSWR
1.35 : 1 MAX.

4.0 TNC INTERFACE MEETS MIL-STD-348.
4.1 PSM JACK INTERFACE IAW
HUBER+SUHNER A.G.
PUBLISHED INFORMATION.

5.0 OPERATING TEMPERATURE RANGE
-55°C TO +125°C

6.0 HERMETIC SEAL:
100% OF CONNECTORS ARE TESTED PER H-S ASTROLAB PS11606 AND
QUALIFIED FOR LEAKAGE RATES LESS THAN 1 X 10E-8 CCM/SEC
OF HELIUM UNDER PRESSURE DIFFERENTIAL OF 15.00 PSIG.

ADAPTOR, BULKHEAD, PSM JACK TO TNC JACK

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