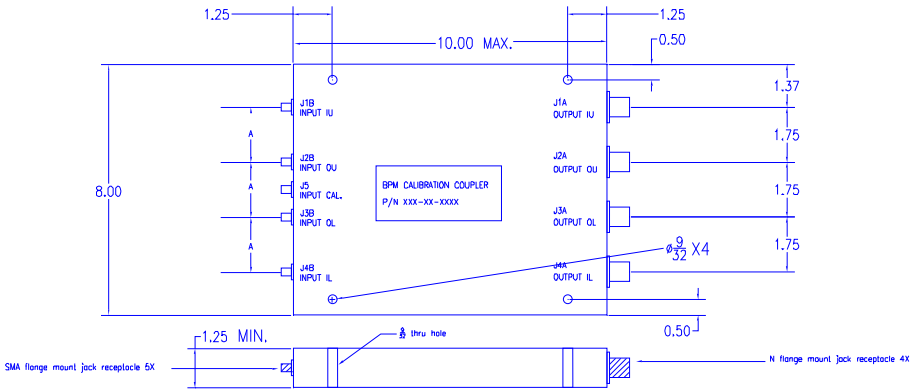
TP DWG_NUMB C

REVISIONS					
REV	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE



From \ To	J1A	J2A	J3A	J4A	J1B	J2B	J3B	J4B	J5
J1A		>80	>80	>80	<0.5	>80	>80	>80	C
J2A	>80		>80	>80	>80	<0.5	>80	>80	C
J3A	>80	>80		>80	>80	>80	<0.5	>80	C
J4A	>80	>80	>80		>80	>80	>80	<0.5	C
J1B	<0.5	>80	>80	>80		>80	>80	>80	>C+25
J2B	>80	<0.5	>80	>80	>80		>80	>80	>C+25
J3B	>80	>80	<0.5	>80	>80	>80		>80	>C+25
J4B	>80	>80	>80	<0.5	>80	>80	>80		>C+25
J5	C	C	C	C	>C+25	>C+25	>C+25	>C+25	

INSERTION LOSS & ISOLATION TARGET VALUES (DB) AT 476.3 MHz.

NOTES:

1. The center frequency (maximum coupling) shall be 476.3 MHz +/- 5 MHz.
2. The 80 DB isolation bandwidth shall be 10 MHz minimum, centered on the center operating frequency.
3. The 3 DB bandwidth of any of the four "through" paths shall be a minimum DC - 3 GHz.
4. All inputs and outputs are 50 Ohm nominal impedance. Return Loss shall be 34 DB minimum at all ports (except J5) at the center operating frequency. Return Loss at port J5 shall be 26 DB minimum.
5. Internal terminations are preferred. Paint or epoxy encapsulated external terminations are allowed.
6. The coupling value (C) shall have a nominal min. value of 26 DB, and max. value of 30 DB. The coupling measured at the four outputs shall be within a 0.5 DB window.
7. Connectors shall meet the requirements of MIL-C-39012 and MIL-STD-348.
8. Housing finish shall be Alodine or epoxy paint.
9. Silkscreen markings as indicated using a solvent resistant epoxy paint.
10. Dimension "A" 1.75" MIN., 2.125" MAX

NEXT_ASSY_10
NEXT_ASSY_9
NEXT_ASSY_8
NEXT_ASSY_7
NEXT_ASSY_6
NEXT_ASSY_5
NEXT_ASSY_4
NEXT_ASSY_3
NEXT_ASSY_2
NEXT_ASSY_1
NEXT ASSEMBLIES:

STANFORD SYNCHROTRON RADIATION LABORATORY

SLAC STANFORD UNIVERSITY STANFORD, CALIFORNIA

UNLESS OTHERWISE NOTED
DIMENSIONS IN: INCHES
TOLERANCES:
.XXX ±.1PL
.XX ±.2PL
.X ±.1PL
ANGLES ± ANG
ALL SURFACES: SURF

DO NOT SCALE DRAWING

DATE: Mar 06, 2002
ENGR: J. Wachter
DRFTS: J. Wachter
CHKD: D. Martin

APPROVALS:
D. Martin

FILE NAME: CAD_FILE_NAME

BPM CALIBRATION COUPLER
TITLE2
TITLE3
TITLE4

CODE: CODE | SCALE: 2:1 | SHEET 1 OF 2

TP XXX-XXX-XX REV C

Form SSRL/SLD SIZE-C Rev 01-07-00

M/F SPIRES_TITLE