REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.
A	07/11/02 IB	LC	PH	RM
B	08/16/02 IB	RB	PH	LJ
C	12/03/02 IB	RB	SD	LJ

PARAMETER	REQUIREMENT
IMPEDANCE	75 Ohms
RF POWER CAPABILITY	50 Watts
TELEMETRY FREQUENCY BAND	10 kHz TO 150 kHz 10 MHz TO 100 MHz
Rx/Tx FREQUENCY BAND	300 MHz TO 2500 MHz
TELEMETRY INSERTION LOSS	2.0 dB MAX.
Rx/Tx INSERTION LOSS 300 TO 2500MHz	1.0 dB MAX.
TELEMETRY I/O RETURN LOSS	10 dB MIN.
Rx/Tx I/O RETURN LOSS	15 dB MIN.
Rx/Tx GROUP DELAY VARIATION	100 ps MAX.
OPERATING VOLTAGE & CURRENT	+24 VDC @ 3 Amps
STAND OFF VOLTAGE	±33 VDC
SURGE PROTECTION	IEC 1000-4-5, 8/20 µs @ 3 kA IEC 1000-4-5, 10/350 µs @ 3 kA
PEAK LET THROUGH VOLTAGE	2 X OPERATING VOLTAGE
THROUGH-PUT ENERGY	1 mJ MAX.

OPERATING ENVIRONMENT

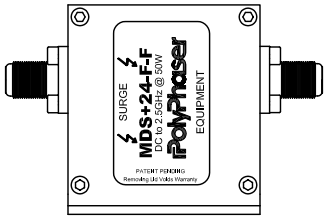
TEMPERATURE RANGE	-50 TO +85 DEG-C
RELATIVE HUMIDITY	0 TO 100% CONDENSING
ALTITUDE	15,000 FEET

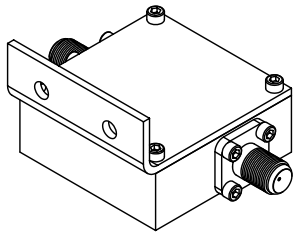
STORAGE ENVIRONMENT

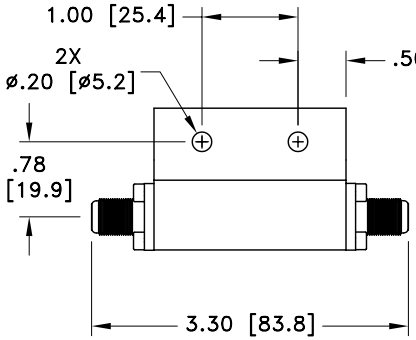
TEMPERATURE RANGE	-50 TO +95 DEG-C
RELATIVE HUMIDITY	0 TO 100% CONDENSING
ALTITUDE	50,000 FEET

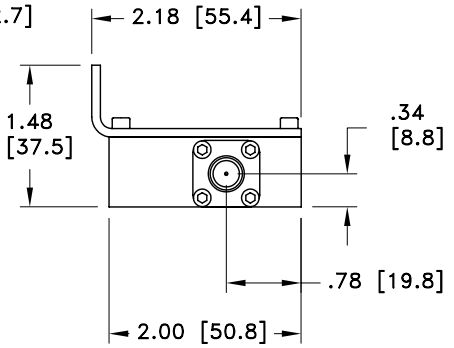
SHOCK AND VIBRATION

OPERATING VIBRATION	ETS 300 019-2-4, CLASS 4M3
OPERATING SHOCK	ETS 300 019-2-4, CLASS 4M3
TRANSPORTATION	ETS 300 019, CLASSIFICATION 2.3









CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER: I. BENNETT	DATE: 06/25/02	PolyPhaser P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476
MECH ENGINEER: R. DUNNING	DATE: 07/10/02	DWG NO/PART NO/DESCRIPTION
ELEC ENGINEER: L. CHANG	DATE: 07/03/02	MDS+24-F-F CUSTOMER PRINT
MARKETING: P. HEEREN	DATE: 07/10/02	
QUALITY DEPT: L. JACQUES	DATE: 07/09/02	CAGE CODE: 61114 / FILE NAME: -C1 / SCALE: 1/2 / SHEET: 1 OF 1