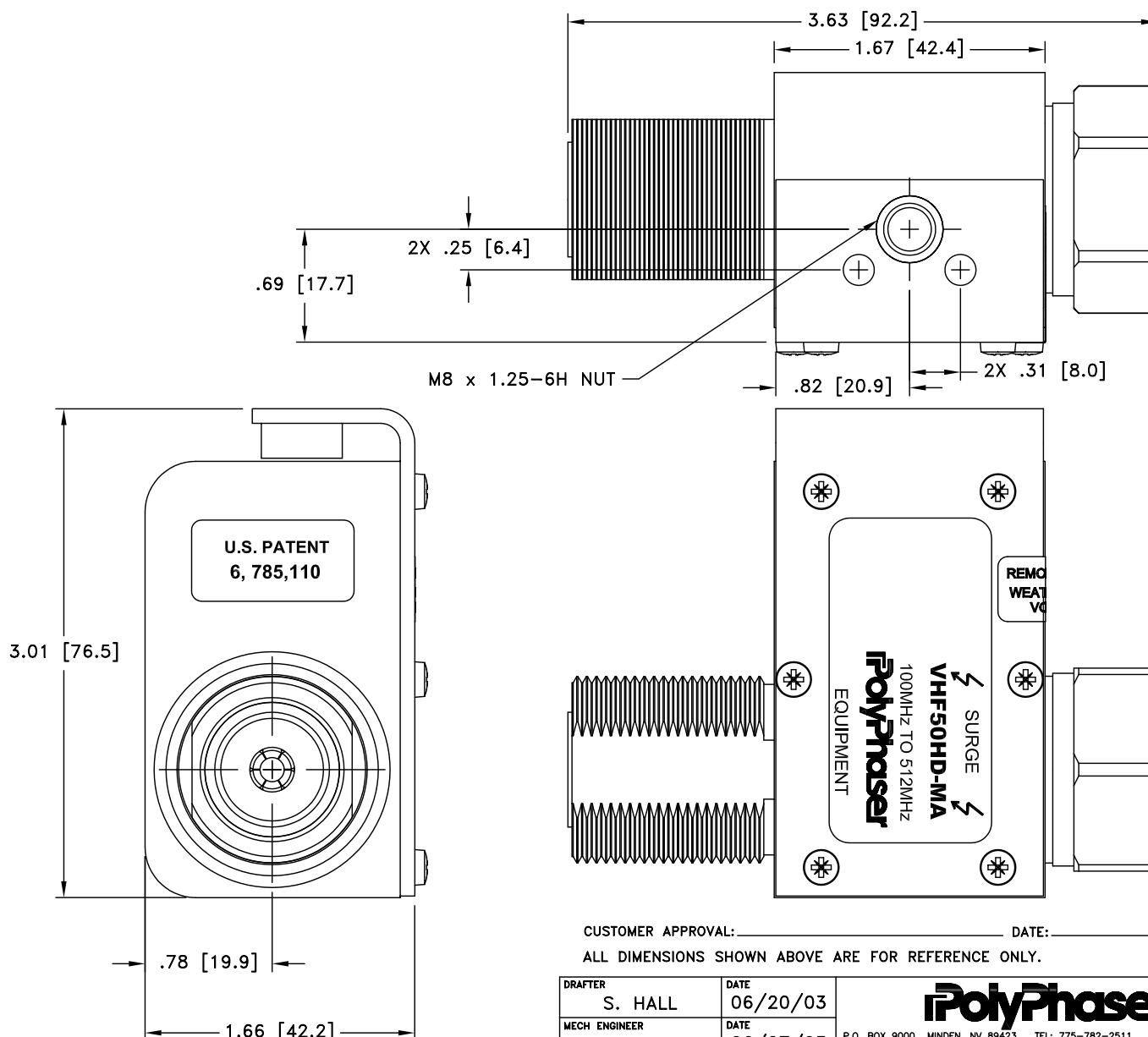


ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF POLYPHASE CORPORATION. THE INFORMATION IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF POLYPHASE CORPORATION.

REVISIONS

REV LTR	DATE	ENG	MKTG	Q.A.
C	12/07/04 SH	KCB	SD	LJ



MAXIMUM CHARACTERISTICS

APPLICATION:
WEATHERIZED, FLANGE OR BULKHEAD MOUNT

FREQUENCY RANGE:
100MHz TO 512MHz

VSWR:
≤1.1:1 OVER FREQUENCY RANGE

INSERTION LOSS:
≤0.1dB OVER FREQUENCY RANGE

POWER:
750W RMS AVERAGE

MAX. SURGE:
20kA IEC 61000-4-5 8/20μs WAVEFORM

THROUGHPUT ENERGY:
≤500nJ FOR 3kA, 8/20μs WAVEFORM

RELATIVE HUMIDITY:
TO 95%

ENVIRONMENTAL:
MEETS IEC 60529 IP67
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN (120MPH)
RAIN INTRUSION TEST.

TEMPERATURE:
-50°C TO +85°C STORAGE/OPERATING

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER S. HALL	DATE 06/20/03	 P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476 VHF50HD-MA CUSTOMER PRINT		
MECH ENGINEER R. DUNNING	DATE 06/27/03			
ELEC ENGINEER N. TOPCU	DATE 06/26/03			
MARKETING S. DOTTER	DATE 06/27/03			
QUALITY DEPT L. JACQUES	DATE 06/26/03			
CAGE CODE 61114	FILE NAME -C1	SCALE 1/1	SHEET 1 OF 1	