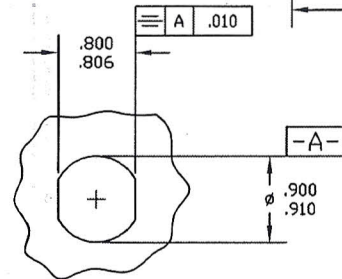
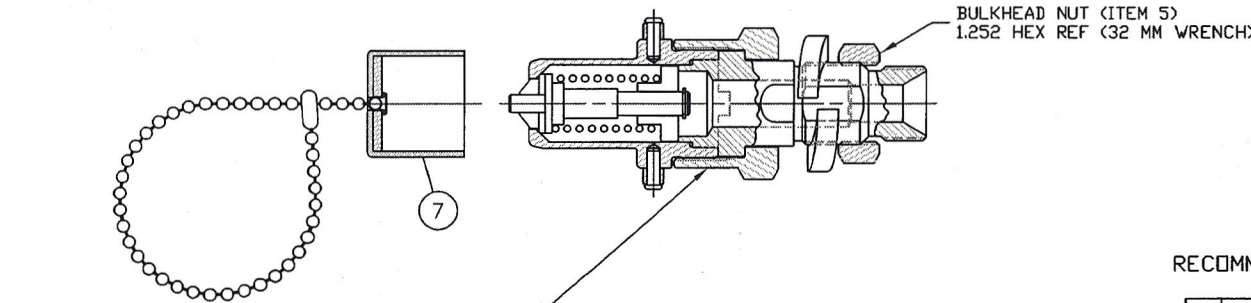
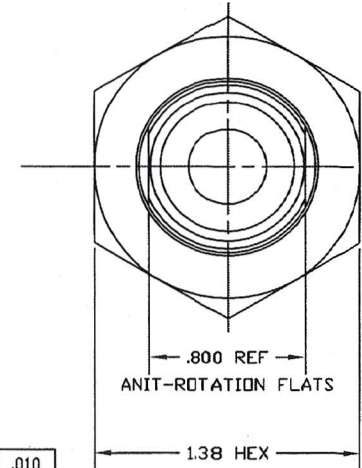
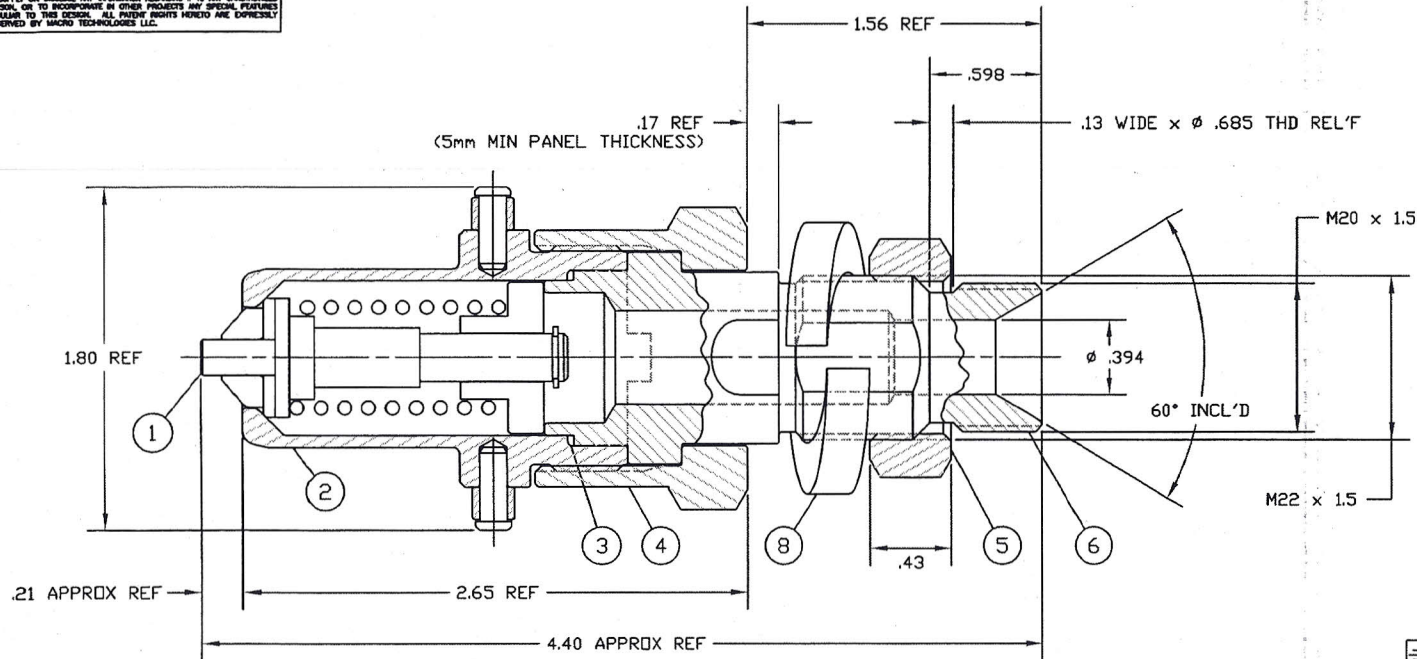


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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL
A	REVISED TO CONFORM TO CUSTOMER REQUIREMENTS	01-30-11	HK
B	REVISE NOTE 3, PRESSURE	02-26-11	HK
C	REVISE MARKING LOCATION	05-09-11	HK



RECOMMENDED PANEL HOLE DIM'S

MARK HERE THE FOLLOWING:
 MAX. FUELING PRESS: 300 PSIG / 20.7 BAR
 MAX SYSTEM PRESS: 550 PSIG / 38 BAR
 MACRO 14000 + (REV LEVEL) & ASSY DATE CODE

- ALL COMPONENTS CLEANED PER CGA G-4.1 PRIOR TO ASSEMBLY
- THREADED JOINTS LUBRICATED USING 'KRYTOX' GPL-206 PER WORK ORDER REQUIREMENTS
- GENERAL OPERATING SPECIFICATIONS:
 - MEDIA: LNG (LIQUID NATURAL GAS)
 - MAX. INTERNAL PRESSURE: 300 PSIG (FUELING); 550 PSIG (STATIC SYSTEM)
 - TEMPERATURE RANGE: -350°F TO +150°F
- PACKAGE IN A SEALED POLY BAG IDENTIFIED PER WORK ORDER REQUIREMENTS

QTY	PART NO.	DESCRIPTION	MATERIAL / FINISH SPECIFICATION	ITEM
1	14022	LOCK WASHER	CRES	8
1	12524-1	CAP ASSEMBLY	CRES, ALUM, PLASTIC	7
1	14023	END FITTING	CRES	6
1	14024	NUT, BULKHEAD	BRASS	5
1	14026	NUT	BRASS	4
1	11173	SEAL	PTFE	3
1	11165	HOUSING ASSY	CRES	2
1	11157	POPPET ASSY	CRES, KEL-F	1

QUANTITY REQ'D	BSC	FSCM NO.	PART NUMBER	PART DESCRIPTION	MATERIAL / FINISH SPECIFICATION	ITEM	
-2	-1	BSC	FSCM NO.	PART NUMBER	PART DESCRIPTION	MATERIAL / FINISH SPECIFICATION	ITEM

DRILLED HOLE TOL.		* UNLESS OTHERWISE SPECIFIED *		CONTRACT NO.	
.013 TO .125	= +.004 - .001	ALL DIMENSIONS ARE IN INCHES AND ARE TO BE MET BEFORE PLATING			
.125 TO .250	= +.003 - .001	TOLERANCES ARE:			
.250 TO .500	= +.002 - .001	DECIMALS			
.500 TO .750	= +.002 - .001	ANGULAR			
.750 TO 1.00	= +.010 - .001	XX = ± .030 XXX = ± .010			
1.00 TO 1.20	= +.012 - .001				
NEXT ASSY PART NO. QUAN		MATERIAL / SPEC		DESIGN ACTIVITY	
		NOTE D		DATE	
		HEAT TREAT / SPEC		CHECKED BY	
		NONE		DATE	
		FINISH / SPEC		DRAWN BY	
		NONE		DATE	

PARTS LIST			
SIZE	CHRG CODE	DRAWING NO.	REV
C	62529	14000	C
SCALE	ADJ. LEVEL	SHEET	OF
NONE		1	1

Macro Technologies LLC
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TITLE
QDV, MALE, LNG VENT SYSTEM
MALE QDV WITH METRIC TUBE FITTING