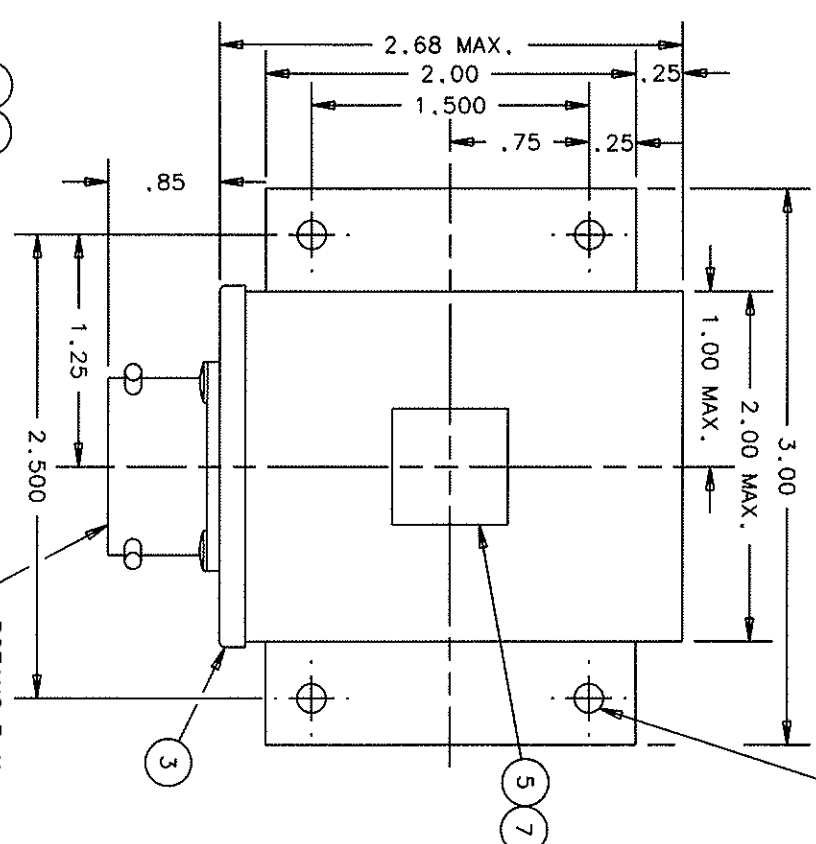


FAA-PMA

REVISIONS			RELEASED	DATE	APPROVED
REV.	DATE	DESCRIPTION			
1	93/03/10	25018 UPDATE SPECIFICATIONS			W.S.
2	94/06/29	26195 ADDED TOLERANCES			R.S.
3	95/05/04	35447 NOTE 2 ADDED			R.S.
4	99/05/24	39524 *BOEING P/N* & *100,000 MECH OPER* ADDED, 3 AXIS WAS AXES			R.S.

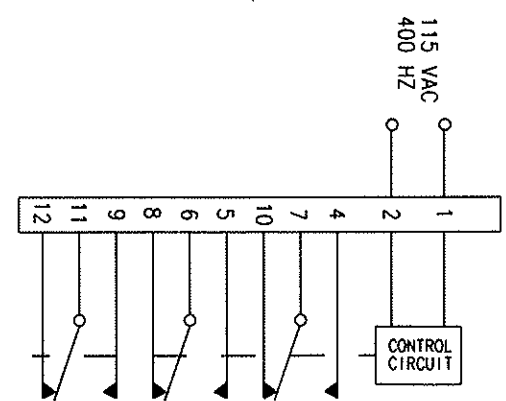
.156 +.010 DIA. HOLE
4 MTG. HOLES



BOEING P/N
BACC45FN14-12P
REF.

- ELECTRICAL
- CONTACT FORM
- CONTACT RATING (AMPS PER POLE AT 155 VAC AND 28 VDC)
- CONTACT LIFE
- CONTACT BOUNCE
- DUTY CYCLE
- NOM. OPERATING VOLTAGE
- MAX. OPERATING VOLTAGE
- OPERATING FREQUENCY
- PICK-UP VOLTAGE
- PICK-UP TIME
- DROP-OUT VOLTAGE
- DROP-OUT TIME DELAY
- INPUT VOLTAGE TRANSIENTS
- OPERATING CURRENT
- DIELECTRIC WITHSTANDING VOLTAGE
- INSULATION RESISTANCE
- ENVIRONMENTAL
- AMBIENT TEMPERATURE
- VIBRATION
- SHOCK
- ACCELERATION
- ALTITUDE
- MECHANICAL
- WEIGHT
- CONSTRUCTION
- SEAL

3PDT
RESISTIVE INDUCTIVE MOTOR LAMP
10 8 4 2
100,000 OPERATIONS, MECHANICAL MIN.
100,000 OPERATIONS, MINIMUM AT RATED
RESISTIVE LOAD
3 MILLISECONDS MAXIMUM
CONTINUOUS
115 VAC, RMS L-N
122 VAC, RMS L-N
400 ± 20 HZ.
109 ± 2 VARS
70 MILLISECONDS MAXIMUM
104 ± 2 VARS
200-400 MILLISECONDS, WHEN THE RELAY
IS IN THE ENERGIZED POSITION AND THE
VOLTAGE DROPS BELOW 104 ± 2 VARS AND
ABOVE 88 ± 4 VARS, THE RELAY WILL RE-
MAIN ENERGIZED FOR 200-400 MILLI-
SECONDS BEFORE DE-ENERGIZING, WHEN
THE VOLTAGE DROPS BELOW 88 ± 4 VARS
NO TIME DELAY IS REQUIRED, WHEN THE
VOLTAGE DROPS TO 30 VOLTS OR LESS,
THE RELAY WILL DE-ENERGIZE IN 50
MILLISECONDS MAXIMUM.
PER MIL-STD-704A
100 MILLIAMPS MAX. AT 25°C
1000V RMS, 60 HZ.
1000 MEGOHMS, MINIMUM, AT 500 VDC
-55°C TO +85°C (OPERATING)
-55°C TO +125°C (NON-OPERATING)
PER BOEING SPECIFICATION
D6-44599 CATEGORY C ZONE 1
30 C/S, 11 MILLISECOND, 1/2 SINE,
3 AXIS
20 C/S IN ANY AXIS
0 TO 80,000 FEET
10 OUNCES MAX.
ALUMINUM METAL CAN, MOUNTING FLANGES AND COVER, SENSOR POTTED
BLACK JACOUEIR PAINT
SOLDER SEALED COVER, HERMETIC SEALED CONTACTS



- NOTES:
- 1. CONTACT VOLTAGE DROP, .225 VOLTS MAXIMUM AVERAGE.
- 2. FAA/PMA PLATE (AND OVERLAY) NOT REQUIRED ON UNITS SUPPLIED TO ORIGINAL EQUIPMENT MANUFACTURERS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON				HARTMAN ELECTRICAL MANUFACTURING MANFIELD, OHIO				
FIND NO	QTY	PART OR IDENTIFYING NO	NAME/DESCRIPTION OR SPECIFICATION	MATERIAL OR NOTE	RELAY-VOLTAGE SENSING			
8	1	39529-038	OVERLAY		093			
7	1	39529-047	OVERLAY		093			
6	1	39529-023	OVERLAY		093			
5	1	38400-056	PLATE - FAA / PMA		093			
3	1	36313-010	RELAY ASSEMBLY - PRIMARY		093			
2	1	36278-001	PLATE - WIRING DIAGRAM		093			
1	1	16043-056	PLATE - NAME (LOCATION OPT.)		093			
MATERIAL					093			
2 PL DEC. 3 PL DEC. ANGLES					093			
.06 .010 .10					093			
DR BY RLS 99/05/27					093			
CHK BY RS 99/05/27					093			
ENGR BJB 99/05/27					093			
MFG JPS 99/05/28					093			
RELEASE					093			
CONTR NO.					093			
GOVT APPVL					093			
SCALE NONE					093			
SHEET					093			