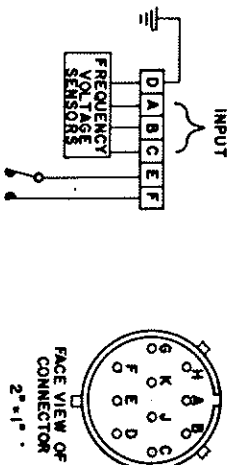
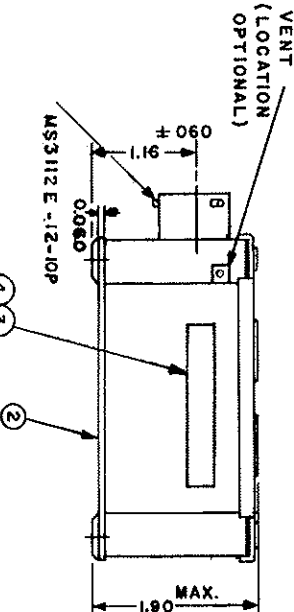
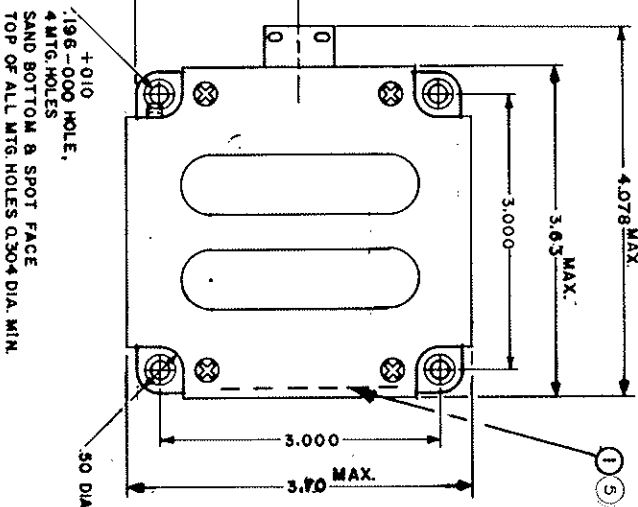


FAA/PMA

B-188MA-1

REV. 6		REVISIONS		DATE		APPROVED	
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
1	18860 CONNECTOR WAS PTOZE-12-10P	3-18-88	TS	2	19210 NOTE UPDATED	12-11-89	CB
3	213381 ADDED ITEMS 3 & 4			4	41853 ITEM 5 ADDED	00-03-07	RS

1. CONSTRUCT: ALUMINUM CASE, GASKET SEALED, VENTED
2. NOMINAL INPUT VOLTS: 115 V L-N 400 CPS. 3 ϕ 4 WIRE
- 2.2 NO DAMAGE RESULTS WITH INPUT CONDITIONS PER MIL-E-24021A (WEP) PAR. 3.2.1
- 2.3 DIELECTRIC STRENGTH: LEAKAGE CURRENT WILL NOT EXCEED 0.001 AMPS WHEN UNIT IS SUBJECTED TO TEST OF PAR 4.6.2 OF MIL-E-24021A
3. ENVIRONMENT
 - 3.1 TEMPERATURE -54°C TO +71°C OPERATING
 - 3.2 ACCELERATION 7g DC-FREQUENZIZED
 - 3.3 ALTITUDE 0-40,000 FEET
 - 3.4 SHOCK 10G 30 $\pm$ 1 μ S
 - 3.5 VIBRATION 5-15.5 CPS $\pm$ 0.13g, 15.5-54 CPS 0.01 INCH DA 54-500 CPS $\pm$ 1.5g
 - 3.6 NOISE DASPL 115 db
 - 3.7 ATTITUDE UNIT IS OPERATIONAL IN ANY ATTITUDE
- 4.0 OPERATION CONTACTS WILL REMAIN AS SHOWN (OFF CONDITION) UNTIL INPUT POWER IS ANYWHERE WITHIN THE "ON" ZONE. CONTACTS WILL REVERT TO OFF CONDITION WHENEVER INPUT VOLTAGE AND/OR FREQUENCY IS ABOVE THE HIGH SIDE OR BELOW THE LOW SIDE "OFF" LIMITS FOR TIME INTERVALS EXCEEDING THE TRANSIENT PERIOD



- 5.0 LIMITS
 - 5.1 "ON" ZONE
 - 5.1.1 "ON" ZONE VOLTAGE LIMITS 100 TO 120 VOLTS RMS ALL PHASES
 - 5.1.2 "ON" ZONE FREQUENCY LIMITS 380 TO 420 CPS
 - 5.2 "OFF" LIMITS
 - 5.2.1.1 HIGH SIDE VOLTAGE "OFF" LIMITS 131 $\pm$ 5 VOLTS 3 ϕ (HIGHEST OF 3 ϕ)
 - 5.2.1.2 HIGH SIDE FREQUENCY "OFF" LIMITS 425 $\pm$ 5 CPS
 - 5.2.2.4 LOW SIDE FREQUENCY "OFF" LIMITS 375 $\pm$ 5 CPS
 - 5.2.3 VOLTAGE TRANSIENT LIMITS
 - 5.2.3.1 HIGH SIDE - ABOVE LIMIT 2 BUT BELOW LIMIT 1 OF FIG. 2 MIL-STD-704, 3 ϕ (HIGHEST OF 3 ϕ)
 - 5.2.3.2 LOW SIDE - BELOW LIMIT 3 FIG. 2 MIL-STD-704
 - 5.2.4 OVER AND UNDER FREQUENCY TIME DELAY 3 $\pm$ 1 SEC
 - 6.0 OUTPUT RATING SPST 3 AMP IND. 28 V DC/115 V 400 CPS
 - 7.0 WEIGHT 12 OZ MAX
 - 8.0 ADDITIONAL REQUIREMENTS
 - 8.1 UNIT IS DUST TIGHT
 - 8.2 FIRE: MATERIALS DO NOT SUPPORT COMBUSTION, ARE SELF EXTINGUISHING AND FREE OF AFTER GLOW
 - 8.3 SMOKE: UNIT WILL NOT PRODUCE ANESTHETIC OR TOXIC FUMES OR SMOKE UNDER NORMAL OPERATION OR FAILURE
 - 8.4 ELECTROMAGNETIC INTERFERENCE: MEETS REQUIREMENTS OF DAC 7914697
 - 8.5 BONDING: MEETS REQUIREMENTS OF DAC 7916997
 - 9.0 THIS UNIT MEETS THE REQUIREMENTS OF MIL-E-24021A EXCEPT AS MODIFIED HEREON

PARTS LIST		HARTMAN ELECTRICAL MANUFACTURING	
QTY	DESCRIPTION	PART OR IDENTIFYING NO	ITEM NO
1	OVERLAY	39529-038	5
1	RELAY - FAA/PMA	39529-024	4
1	RELAY ASSEMBLY - PRIMARY	58400-097	3
1	PLATE-NAME PER DAC 7912000 TYPE I	23492-D10	2
1	REDD	23211-D01	1

TOLERANCES		MONITOR-EXTERNAL POWER	
UNLESS OTHERWISE SPECIFIED			
.00 $\pm$.03	.000 $\pm$.010		

DESIGNED FOR		DATE: 27-65 DR BY DEH	
TOLERANCES		DESIGNED FOR	
UNLESS OTHERWISE SPECIFIED		DATE: 27-65 DR BY DEH	
.00 $\pm$.03		DESIGNED FOR	
.000 $\pm$.010		DATE: 27-65 DR BY DEH	

APPROVED		CODE IDENT NO	
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Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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