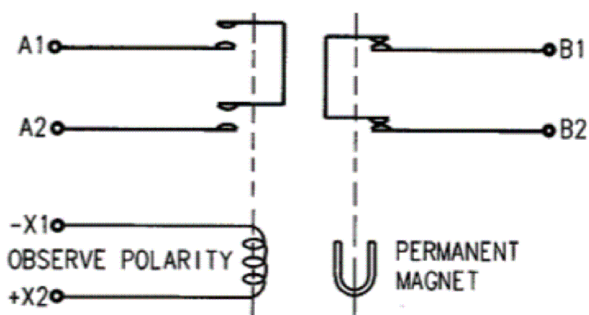
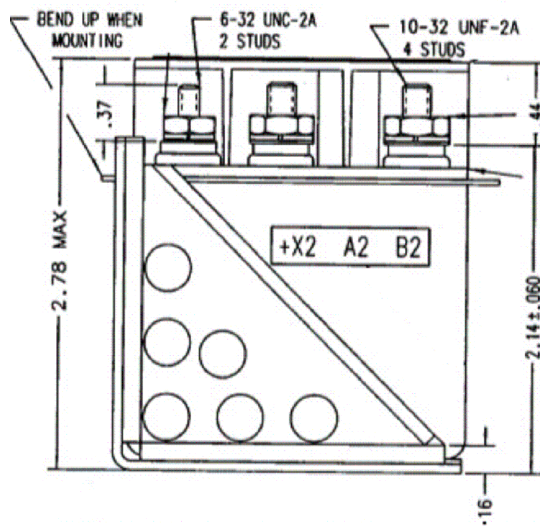
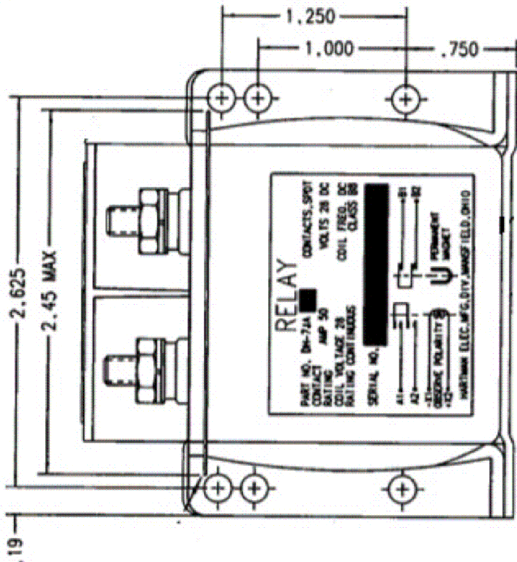
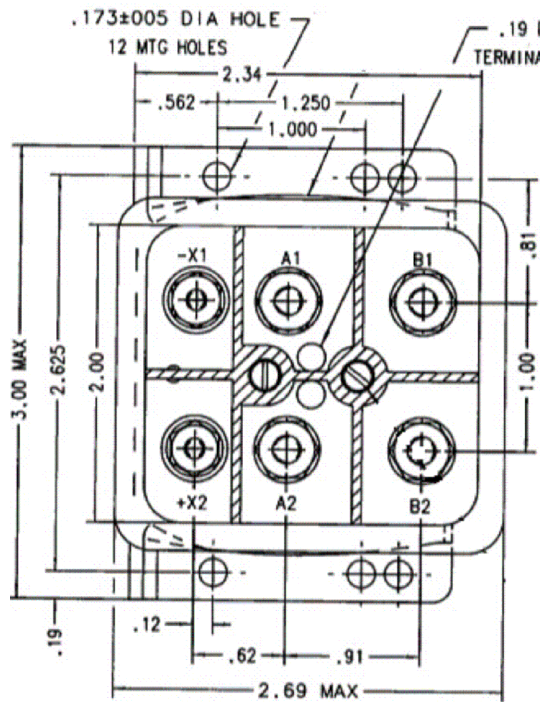


DH-7JA
RELAY-SPDT HERMETICALLY
SEALED

REVISIONS				
REV.	ECO	DESCRIPTION	DATE	APPROVED
V	0643-04	ITEM 19 WAS 39529-046	06AUG2004	CB

FAA-PMA



SCHEMATIC

ALL DIMENSIONS ARE IN INCHES

 TE CONNECTIVITY 175 N. DIAMOND STREET MANSFIELD, OHIO 44902		TITLE RELAY-SPDT HERMETICALLY SEALED		
		TE P.N. 1616089-9		DWG NO. DH-7JA
DS	DATA SHEET	CAGE CODE 74063	SCALE NONE	SHEET 1 OF 2
				REV V

GENERAL SPECIFICATION

DESIGN SPECIFICATIONS

FAA-PMA

CONSTRUCTION	HERMETICALLY SEALED
MAIN CONTACTS	
CONFIGURATION	SPDT DB N.O.
VOLTAGE (NOMINAL)	28 VDC
CURRENT (AMPS):	
RESISTIVE	50
INDUCTIVE	50
MOTOR	50
COIL	
DUTY CYCLE	CONTINUOUS
OPERATING VOLTAGE (NOMINAL)	28VDC
OPERATING VOLTAGE (MAX.)	30VDC
PICKUP VOLTAGE (MAX.)	21VDC
DROPOUT VOLTAGE	1.5 TO 7.0 VDC
COIL CURRENT (MAX.)	.30 AMPS AT 25°C.
OPERATING TIME (MAX.)	25 MS AT 28 VDC, 50 MS AT 18 VDC
RELEASE TIME (MAX.)	8 MS
CONTACT BOUNCE (MAX.)	1.5 MS
LIFE	
ELECTRICAL (MIN.)	50,000 CYCLES
MECHANICAL (MIN.)	100,000 CYCLES
DIELECTRICAL STRENGTH AT SEA LEVEL (1 MIN.)	- MAX. CURRENT OF 1000 MICROAMPS
MAIN CONTACTS TO ALL POINTS	1250 VRMS
COIL TO ALL POINTS	1250 VRMS
DIELECTRIC STRENGTH AT ALTITUDE - MAX. CURRENT OF 1000 MICROAMPS	
MAIN CONTACTS TO ALL POINTS	700 VRMS
COIL TO ALL POINTS	500 VRMS
INSULATION RESISTANCE	
INITIAL (500 VDC)	100 MEGOHM MIN.
POST ENVIRONMENTAL TEST (500 VOLT VDC)	100 MEGOHM MIN.
TEMPERATURE RANGE (OPERATIONAL)	-55°C TO +71°C
ALTITUDE (MAX)	80,000 FT. MAX.
VIBRATION (SINUSOIDAL)	15G, 300-600 HZ
	14G, 600-700 HZ
	10G, 5-1500 HZ
WEIGHT (MAX.)	13.5 OZ.

NOTE:
THIS UNIT MEETS THE MATERIAL AND WORKMANSHIP
REQUIREMENTS OF MIL-R-6106.

TORQUE	
10-32 STUDS	32 IN/LB
6-32 STUDS	10 IN/LB

MATERIALS:	
TERMINAL	BERYLLIUM COPPER
HARDWARE	BRASS
CASE	ALUMINUM
TERMINAL SHIELD	FLAME RETARDANT NYLON
HEADER	BRASS

PLATING FINISH:	
TERMINAL	SILVER PLATE
HARDWARE	SILVER PLATE
CASE	PAINTED, BLACK LAQUER
HEADER	NICKEL PLATE
LABEL	POLYESTER FILM

MARKINGS:
THE FOLLOWING INFORMATION WILL BE
RECORDED ON THE RELAY:
PART NO.
CURRENT RATING
CONTACT CONFIGURATION
COIL VOLTAGE
COIL DUTY
DATE CODE
SCHEMATIC



TE CONNECTIVITY
175 N. DIAMOND STREET MANSFIELD,
OHIO 44902

TITLE

RELAY-SPDT HERMETICALLY
SEALED

TE P.N.

1616089-9

DWG NO.

DH-7JA

DS

DATA SHEET

CAGE CODE
74063

SCALE
NONE

SHEET
2 OF 2

REV
V