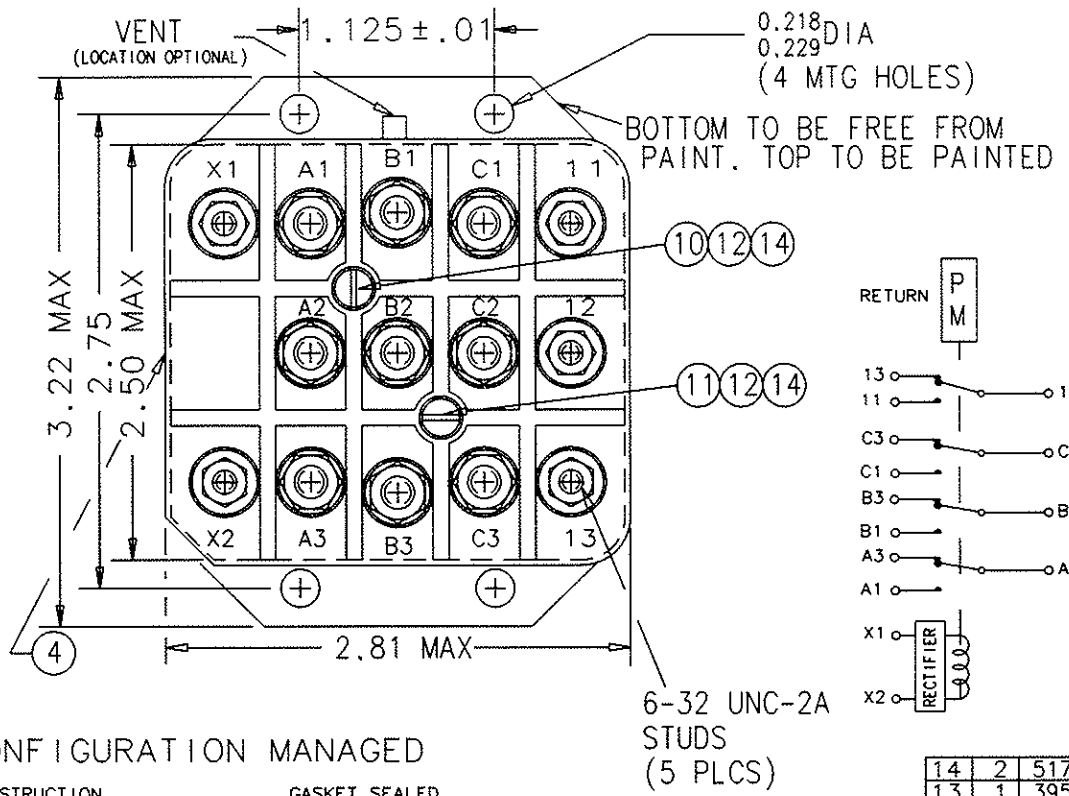
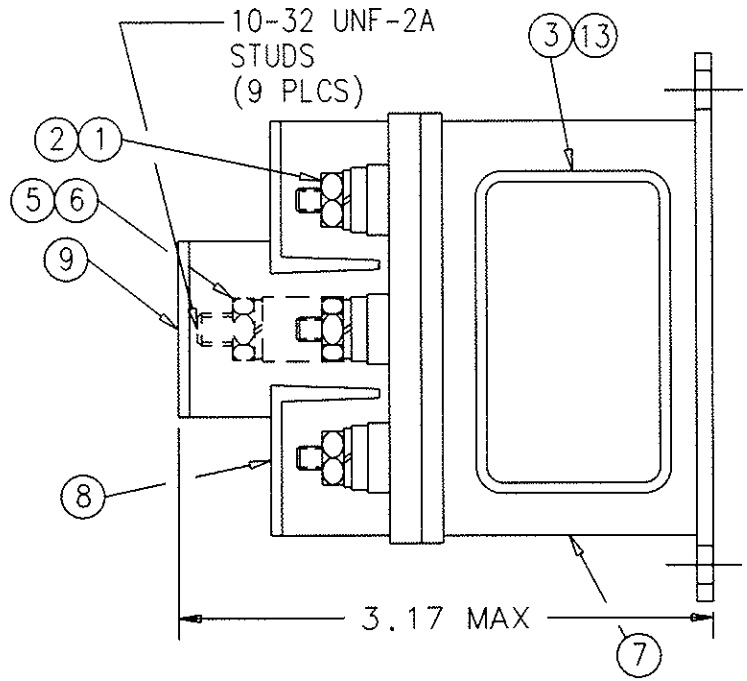
SA106E REV. L

REVISIONS			RELEASED	
REV		DESCRIPTION	DATE	APPROVED
J	41743	FIND NO 13 ADDED	00-02-28	RS
K	0154-03	FIND NO 14 ADDED	03/02/03	RS
L	0094-05	CHANGE ITEM 9 FROM -.001 TO -.030	03/12/11	CB





CONFIGURATION MANAGED

CONSTRUCTION	GASKET SEALED
MAIN CONTACTS	
CONFIGURATION	3PDT SIDESTABLE
VOLTAGE (NOMINAL)	115/200 VAC 400 Hz 115 VAC 60 Hz
CURRENT RESISTIVE	30 AMPS
INDUCTIVE	30 AMPS
MOTOR	30 AMPS
RUPTURE	150 AMPS
OVERLOAD	125 AMPS
AUX CONTACTS	
CONFIGURATION	SPDT
VOLTAGE (NOMINAL)	28 VDC, OR 115 VAC 400/60 Hz
CURRENT RESISTIVE	5 AMPS
COIL DATA	
DUTY CYCLE	CONTINUOUS
NOMINAL COIL VOLTAGE	115 VAC 400/60 Hz
PICKUP VOLTAGE (MAX)	90 VAC 400/60 Hz
COIL CURRENT (MAX)	0.090 AMPS 25°C 115 VAC
ENVIRONMENTAL	
OPERATING TEMPERATURE	-55°C TO +71°C
ALTITUDE (MAX)	50,000 FEET
VIBRATION (SINE)	PER MIL-E-5272 PROC XII CURVE A
SHOCK (MAX)	12 G'S FOR 11 ± 1 MILLISECONDS
LIFE ELECTRICAL (MAX)	50,000 CYCLES
LIFE MECHANICAL (MAX)	100,000 CYCLES
WEIGHT (MAX)	1 LB 2 OZ

FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	CAGE NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
14	2	51701-180	WASHER - MYLAR			
13	1	39529-001	OVERLAY			
12	2	L4SPLOSO	LOCKWASHER #4 SPLIT			
11	1	S4087RSO	SCREW 4-40 X 13/16			
10	1	S4031RSO	SCREW 4-40 X 5/16			
9	1	TS009030	TOP SHIELD ASSEMBLY			
8	1	TS008003	BOTTOM SHIELD ASSEMBLY			
7	1	SA106E10	PRIMARY ASSEMBLY			
6	9	L0SPLOSO	LOCKWASHER #10 SPLIT			
5	9	N0038DBS	NUT 10-32 X 3/8 X 1/8			
4	1	WD012001	SCHEMATIC			
3	1	WD011002	NAMEPLATE			
2	5	L6SPLOSO	LOCKWASHER #6 SPLIT			
1	5	N6031RBS	NUT 6-32 X 5/16 X 7/64			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

2 PL DEC.	3 PL DEC.	ANGLES
±.06	±.01	± 1°

MATERIAL

DR BY	RCB	03/12/11
CHK BY	CB	03/12/11
ENGR	EJB	03/12/16
MFG	MB	03/12/17

SIZE	CODE IDENT
C	74063

SCALE NONE SHEET

tyco Electronics

Hartman™ Division, 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

CONTACTOR, 3PDT SIDESTABLE
30 AMP, 115 VAC, 400/60 HZ
093

DWG NO. SA106E

REF TYCO P/N 0-1616042-1