



REVISIONS		RELEASED	
REV.	DESCRIPTION	DATE	APPROVED
Z	18931 REDRAWN, NOTES UPDATED, COIL CURRENT WAS .18 AMP MAX	88/10/12	RS
AA	21728 REDRAWN TO CAEDS; UPDATED VIEWS	92/01/20	RS
AB	09-023188 ITEM 8 WAS -248, ITEM 9 WAS -138, ITEM 10 WAS -821	09/08/13	CB

CONSTRUCTION HERMETICALLY SEALED

CONTACTS SPDT DOUBLE BREAK
 RES., 115V, 400HZ, OR 28 VDC 50 AMP
 IND., 115V, 400HZ, OR 28 VDC 50 AMP
 MOTOR, 115V, 400HZ, OR 28 VDC 50 AMP

COIL DATA
 VOLTAGE, NOM. 24 TO 28 VDC
 VOLTAGE, MAX. 30 VDC
 CURRENT AT 25°C .5 AMP MAX
 PICKUP AT 25°C 18 VDC MAX
 DROPOUT 7 +0/-5.5 VDC

AMBIENT TEMP. 120° C
RATED DUTY CONTINUOUS
VIBRATION 15G, 300-600 HZ
 14G, 600-700 HZ
 10G, 5-1500 HZ

ALTITUDE 80,000 FT
MINIMUM CYCLES 50,000
MAX. WEIGHT 13-1/2 OZ

NOTES:
 1. CONTACTOR MEETS THE MATERIALS AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106.
 2. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.

FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
14	4	51712-194	WASHER - 7/16 X .203 X .031 FLAT		AN961-10	BRASS
13	2	51702-144	WASHER - 5/16 X .140 X .025 FLAT		AN961-6	BRASS
12	2	51805-011	WASHER - LOCK, NO. 5, SPLIT			BRONZE
11	2	51701-180	WASHER - 3/16 X .103 X .015			MYLAR
10	2	51205-291	SCREW - 5-40 X 5/8 RD HD			BRASS
9	4	50400-588	NUT - 10-32 ALCOA H10-3		NAS679-A3W	STEEL
8	2	50400-598	NUT-6-32 ALCOA H10-06		NAS679-A06W	STEEL
7	1	16615-020	RELAY ASSEMBLY - PRIMARY			
6	1	15711-001	PLATE - NAME & WIRING DIAGRAM			
5	1	30849-002	PLATE - TERMINAL IDENTIFICATION			
4	1	30849-001	PLATE - TERMINAL IDENTIFICATION			
3	1	16595-001	PLATE - SHIELD			
2	1	16407-002	PLATE - BASE COVER			
1	1	16402-001	SHIELD - TERMINAL			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

2 PL DEC.	3 PL DEC.	ANGLES
± .03	± .010	± 1°

REF BOEING 10-20131-501

DR BY CSE 96/01/04
 CHK BY RS 96/01/15
 ENGR FW 96/01/16
 MFG JF 96/01/16

SIZE C CODE IDENT 74063

SCALE NONE SHEET

Tyco Electronics
 Hartman Division - 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

RELAY - SPDT
 HERMETICALLY SEALED

DWG NO. DH-7J

REF TE P/N 8-1616927-9