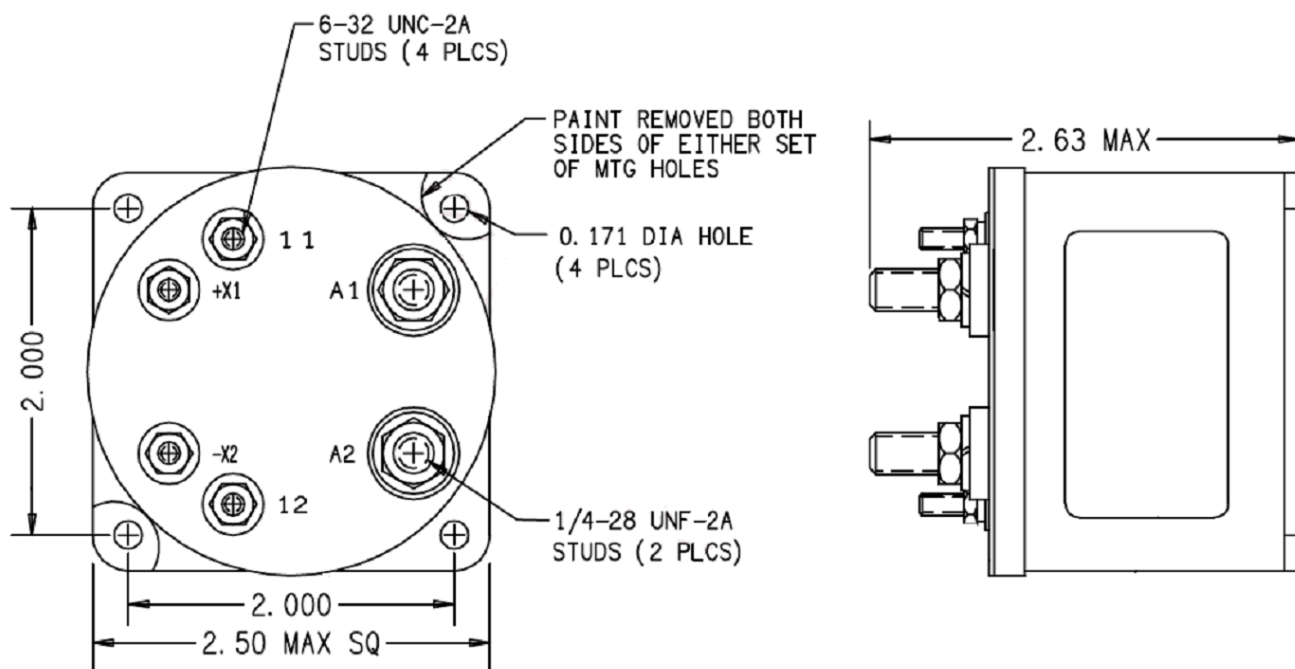


REVISIONS

REV.	ECO	DESCRIPTION	DATE	APPROVED
F	07-014371	ADDED FAA/PMA PLATE	15JUN2007	CB

SD 167A CONTACTOR SPST 28 VDC 100 AMPS WITH AUXILIARY CONTACTS (SPST)



TE CONNECTIVITY
175 N. DIAMOND STREET MANSFIELD,
OHIO 44902

TITLE

CONTACTOR, SPST
28 VDC 100 AMPS

TE P.N.

1616074-9

DWG NO.

SD167A

DS DATA SHEET

CAGE CODE
74063

SCALE
NONE

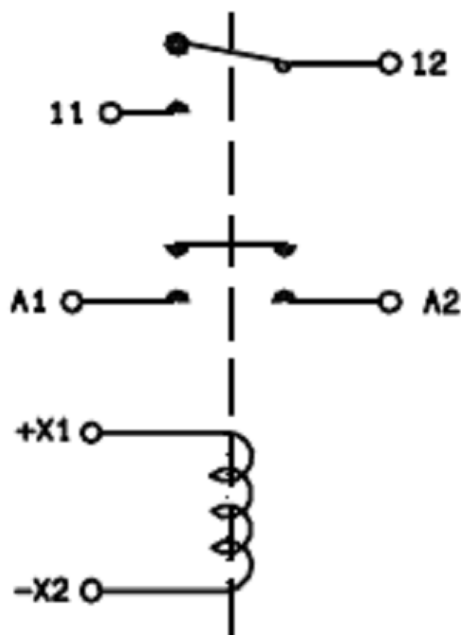
SHEET
1 OF 2

REV
F

GENERAL SPECIFICATION

CONSTRUCTION	GASKET SEALED
MAIN CONTACTS	
CONFIGURATION	SPST SIDESTABLE
VOLTAGE (NOMINAL)	28 VDC
CURRENT RESISTIVE	100 AMPERES
INDUCTIVE	100 AMPERES (10,000 CYCLES)
MOTOR	80 AMPERES
RUPTURE	1000 AMPERES
AUXILIARY CONTACTS	
CONFIGURATION	SPST
VOLTAGE (NOMINAL)	115/200 VAC 400HZ OR 28 VDC
CURRENT RESISTIVE	5 AMPERES
CURRENT INDUCTIVE	3 AMPERES
CURRENT LAMP	1 AMPERE
COIL DATA	
DUTY CYCLE	CONTINUOUS
OPERATE VOLTAGE	28 VDC
OPERATE VOLTAGE (MAX)	30 VDC
PICKUP VOLTAGE (MAX)	18 VDC @ 25°C
DROPOUT VOLTAGE (MAX)	1.5-7 VDC @ 25°C
COIL RESISTANCE	126 ±13 OHMS
ENVIRONMENTAL	
OPERATING TEMPERATURE (MAX)	-55°C TO +71°C
LIFE ELECTRICAL	50,000 CYCLES MINIMUM
LIFE MECHANICAL	200,000 CYCLES MINIMUM
WEIGHT	12 OUNCES MAXIMUM

SCHEMATIC



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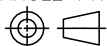
TE P.N.

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DWG NO.

SD167A

THIRD ANGLE PROJECTION



THIS DRAWING PREPARED
IN ACCORDANCE WITH
ANSI/ASMEY14.5M-1982

CAGE CODE

74063

SCALE

NONE

SHEET

2 OF 2

REV

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