

# 088 SERIES SPEC SHEET STRUTHERS-DUNN

COMPUTER INDEX #: 0882006 SO NO. \_\_\_\_\_  
 DATE: \_\_\_\_\_ QUANTITY ORDERED: \_\_\_\_\_  
 CUSTOMER NAME: \_\_\_\_\_  
 CUSTOMER PART NUMBER: \_\_\_\_\_  
 FEDERAL STOCK NUMBER: \_\_\_\_\_  
 CONTACT RATING: 5 AMPS CONT. COMB. X  
 CONTACT MAT'L: SIL-CAD-OXIDE (F) CONT. DIA. .250  
 CONTACT DIAMETER: \_\_\_\_\_  
 SPECIAL FEATURES:

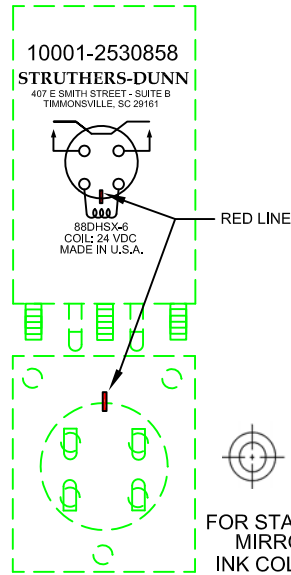
EXTENSION SPRING 16-179-2 COLOR SILVER  
 COMPRESSION SPRING 16-195-4 COLOR WHITE  
 RESIDUAL DISC YES THICKNESS .003  
 POLAR ENLARGED POLEPIECE NO

## COIL SPECIFICATION

COIL NO. 39-418-40 COIL RES 400Ω NOM 440Ω MAX 360Ω MIN  
 BOBBIN NO. 17-121-4 TURNS 5100 LBS/COIL .049  
 COIL COVER NO. 15-466-1  
 MAGNET WIRE 33-489-37 COIL SPECIAL FEATURES  
 WIRE SIZE 37  
 INSULATION SPN  
 COIL WRAP 61-221-5

## SEALING SPECIFICATION

ENCLOSURE NO. 40-329-1  
 WIRE DIAGRAM 41-703 PINS 4 WIRED 4



NOTE:  
 Picture shown is preferred location for the marking but can be marked on another side. It does not affect the fit, form or function of the relay. Relay part number and Sikorsky part number are the critical markings on the relay.

## HERMETICALLY SEAL PER SPEC 80-105

CRIMP YES  
 SOLDER YES  
 SEALING GAS: NITROGEN 90-103-5

## VARNISH AND/OR PAINTING SPEC

VARNISH OR LAQUER PER SPEC 80-218-1  
 PAINT PER SPEC 80-219-1 COLOR DARK GREY

## SPECIAL FEATURES

EVAQUATE AND BAKE 150°F FOR 1/2 HOUR WITH COIL ENERGIZED TO NOMINAL VOLTAGE. ALSO SOLDER AROUND BRACKET PROTRUSION TOP OF COVER

SPEC. NO. <b>88DHSX-6</b>		ISSUE	
MRP B/M NO. <b>88DHSX-6</b>		PAGE 1 OF 1	
DRAWN BY: CS	DATE: 10/15/2012	APPROVED DH	DATE: 10/15/2012
ISSUE	REVISION	DATE	BY
L	ECN2012-088 REDRAW	10/22/12	CS
	CORRECT MARKING NO ECN REQUIRED	4/1/2015	BH
	ADD MARKING NOTE NO ECN REQUIRED	4/8/2015	BH

## ELECTRICAL & ADJUSTING

NOMINAL VOLTAGE / CURRENT 24VDC  
 CONTACT PRESSURE ----- MIN. \_\_\_\_ MAX. \_\_\_\_  
 CONTACT GAP .025 MIN. ---- MAX. \_\_\_\_  
 OVERTRAVEL .005 MIN. ---- MAX. \_\_\_\_

### ADJUST

### INSPECT

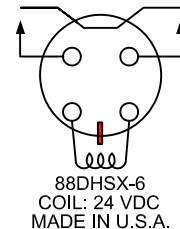
PULL-IN 17VDC OR LESS 17.8VDC OR LESS  
 DROP-OUT \_\_\_\_\_  
 OPERATE TIME ----- AT -----  
 RELEASE TIME ----- AT -----

## DIELECTRIC WITHSTANDING VOLTAGE

ACROSS OPEN CONTACTS 1000 VRMS  
 COIL TO FRAME 1000 VRMS  
 COIL TO CONTACTS 1000 VRMS  
 CONTACTS TO FRAME 1000 VRMS

## MARKING SPEC

**10001-2530858**  
**STRUTHERS-DUNN**  
 407 E SMITH STREET - SUITE B  
 TIMMONSVILLE, SC 29161



## PACKING SPEC

INDIVIDUAL \_\_\_\_\_ BULK 80-540  
 OTHER \_\_\_\_\_