

TABLE 1: WIRE RUN		
P1	WIRE COLOR	P2
1	BLACK	1
2	DARK GREEN	2
3	DARK ORANGE**	3
4	YELLOW	4
5	LIGHT GREEN*	5
6	BLUE	6
7	CLEAR	7
8	VIOLET	8
9	GRAY	9
10	DARK BLUE	10
11	DARK BLUE**	11
12	TAN	12
13	CLEAR	13
14	PINK	14
15	BROWN	15
16	RED	16
17	ORANGE	17
18	WHITE	18
19	GREEN	19
SHELL	SHIELD	SHELL

*WHITE BAND ON LIGHT COLORS

**BLACK BAND ON DARK COLORS

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL REV.	08/10/22	MOB

USE THIS INDICATOR FOR MASTER KEY LOCATION (DO NOT USE BLUE MARK)

IMPORTANT: LOCKING COLLAR CAN ROTATE. DO NOT USE BLUE MARK TO LOCATE PIN 1. WITH THE CONNECTOR IN THE FACE VIEW, HOLD THE THREADED SECTION ON THE BACK SIDE OF THE CONNECTOR. TURN THE LOCKING COLLAR CLOCKWISE UNTIL IT SNAPS INTO PLACE. THIS WILL ENSURE THAT THE MASTER KEY IS THE 12 O'CLOCK POSITION AND PIN 1 CAN BE LOCATED PROPERLY.

P1 & P2 PINOUT (MATING FACE VIEW)

60.0±2.0

30.0±1.0

P1

P2

2 2X

1 2X

TABLE 2: LABEL IDENTIFICATION		
ITEM NO.	LABEL TEXT	NOTES
A	SN-FALCON4-ADF-C6S REV. X CAGE: 1HJX9 MFD: MM/YY	REV. MARKING PER PO. SEE NOTE 2

NOTES:

1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.

2. MARKING REQUIREMENTS:

1. LABELS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.

2. LABELS SHALL BE WHITE WITH BLACK TEXT. REFER TO TABLE 2 FOR LABEL TEXT.

3. LABELS SHALL BE PLACED WHERE SHOWN IN DRAWING.

3. SOLDERING: IAW IPC-J-STD-001 CLASS 2 AS APPLICABLE

4. ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @ 100MOHM MIN.)

5. MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	078379-6100	2	19 PIN CIRCULAR CONN. FEMALE. PIN CONTACTS
2	448-7873-007	2	BACKSHELL FOR 19 PIN CIRCULAR CONN.
3	51234	AR	CABLE: AWG 26, 19C, SHIELDED, .270 IN DIA.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN: INCHES

TOLERANCES: .XX: ± 0.03

.XXX: ± 0.005

ANGULAR: .X°: 1°

.XX°: 0.5°

BREAK EDGES: .005 - .020

FILLETS: .005 - .020

SURFACE FINISH:

GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009

MATERIAL: SEE DRAWING NOTES

FINISH: SEE DRAWING NOTES

DO NOT SCALE DRAWING

REF. NUMBER: SN0841

SupplyNet 706 EXECUTIVE BLVD
SUITE B
VALLEY COTTAGE, NY 10989

TITLE: **CABLE ASSEMBLY, DUAL 19 PIN ADF CONN, ALL PINS WIRED.**

SIZE	DWG. NO.	REV
B	SN-FALCON4-ADF-C6S	A

SCALE: NA WEIGHT: SHEET 1 OF 1