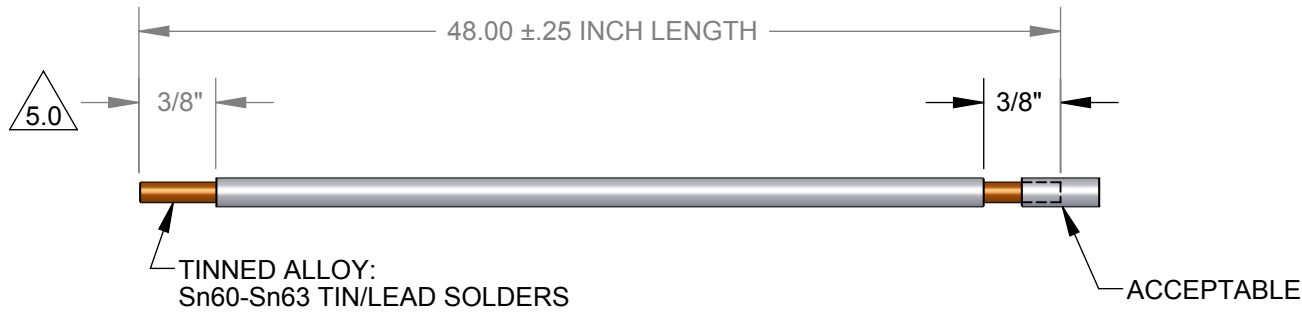


CHANGE HISTORY				
REV.	DESCRIPTION	DATE	DRAWN	APPROVD
A	RELEASE	4/28/99		DARB
B0	ECN 2660-SSC	3/28/11	JDD	RFP
B1	ECN 3484-SSC	6/23/11	JDD	RFP

**CONTROLLED DOCUMENT**  
**BEFORE MAKING ANY CHANGES,  
COMPLIANCE WITH ENGINEERING  
CONFIGURATION CONTROL IS REQUIRED**



**SPECIFICATIONS:**

**1.0 GENERAL**

- 1.1 24 AWG
- 1.2 TEMP. RANGE: -65°C +150°C

**2.0 CONDUCTORS**

- 2.1 STRANDING: 19/36 TINNED COPPER
- 2.2 O.D. OVER STRANDS: .026
- 2.3 TENSILE (BREAKING) STRENGTH: 22.4 LBS MINIMUM
- 2.4 ELONGATION: 6% MINIMUM

**3.0 INSULATION**

- 3.1 TYPE: ETCHED EXTRUDED ETFE PER MIL-W-22759/32
- 3.2 NOM WALL THICKNESS: 0.0055
- 3.3 O.D. NOM: .037
- 3.4 HVBD: 600 VOLTS
- 3.5 INSULATION RESISTANCE: 100M PER 1000'
- 3.6 TENSILE STRENGTH: 5000 PSI
- 3.7 ELONGATION (MIN): 150%

**4.0 INSULATION ETCHING REQUIREMENTS:**

ETCH ENTIRE SPOOL: AFTER ETCH PROCESS  
REMOVE 2 FEET MINIMUM FROM EACH END  
OF ORIGINAL WIRE AFTER RINSING TO PREVENT  
ETCHANT FROM WICKING ONTO CONDUCTOR.  
ETCHED WIRE SHALL MEET ALL SPEC REQUIREMENTS LISTED.

5.0

TIN PER J-STD-001:  
REF P5.3 & TABLE 5-1  
REF P7.2.4, P7.3.5, P7.3.5a  
TIN TO EDGE OF INSULATION.  
TIN WICKING (1mm MAX) UNDER INSULATION.

TABULATION CHART		
WIRE P/N	WIRE COLOR	WIRE LENGTH
7041-5374-5548	GREEN	48"
7041-5374-6648	BLUE	48"
7041-5374-9948	WHITE	48"

**APPROVED SOURCE:**

SILVER STATE WIRE & CABLE, INC.  
50 E GREG ST., UNIT 113  
SPARKES, NV

775-356-8969 (PHONE)  
775-356-3948 (FAX)

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS  
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REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
SPECTRUM SENSORS & CONTROLS, INC. IS  
PROHIBITED.

DIMENSIONS ARE IN INCHES TOLERANCES ANGULAR ±2° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 FOUR PLACE DECIMAL ±.0005	NAME	DATE
	DRAWN R. PRIVITT	4/28/1999
	CHECKED	
	ENG APPR.	
	MFG APPR. Q.A.	
MATERIAL	NOTED	
FINISH	NOTED	
DO NOT SCALE DRAWING		
Information in this box is for Engineering Reference Only		

<b>SPECTRUM SENSORS &amp; CONTROLS</b> GRASS VALLEY, CALIFORNIA		
<b>WIRE, HOOK-UP, ETCHED</b>		
SIZE	CAGE CODE	DWG. NO.
A	5W885	7041-5374-XX48
SHEET 1 OF 1		