

DATE	REV	ECN	DESCRIPTION
11/12/2015	B		Updated temperature & voltage ratings.

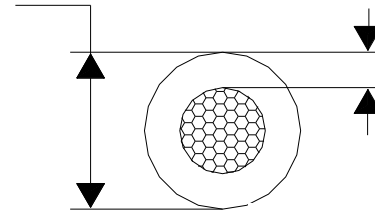
**PRODUCT SPECIFICATION**

**Parent Number:** F01041-

**Description:** 1 7X37/25 TC MTW OR THHW OR BC-5W2  
OR AWM 1232/1284/1338 OR 10269 TEW or  
AWM I A/B SGT per J1127

**DIAMETER:** 0.521

**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.080

**MINIMUM WALL:** 0.072

**Stranding:** 7X37/25 TC LHL

**Style:** UL: THHW or MTW or BC-5W2 or AWM 1232/1284/1338 or  
10269 CSA: TEW or AWM I A/B SAE: SGT per J1127

**Insulation:** PVC

**Print Legend:** 1 AWG (42.4mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1232/1284/1338 600V OR 10269 1000V OIL RES I  
SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V, AWM 10269 = 1,000V, SGT = 60V DC & 25V AC

**Temperature:** BC-5W2: DRY=105C WET=75C, MTW or 1338: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1232: DRY=105C WET=60C,  
1284 or 10269=105C, TEW or AWM I A/B=105C, SGT=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C
  3. Maximum DC Resistance at 20C = 0.141 ohms/1,000ft per UL 1581.

This product complies with European Directive 2015/863 -- RoHS 3.

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**Customer Approval:**

**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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