

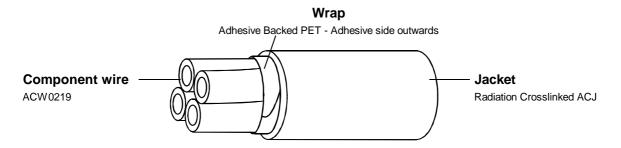
## **Specification Control Drawing**

ACW4249 Issue 2 9th December 2015

Page 1 of 2 Page 2 is for internal use only

## FOUR COMPONENT, WRAPPED AND JACKETED T4 AUTOMOTIVE SENSOR CABLE.

The complete requirements for procuring the wire described herein shall consist of this document.



Part	Wire	Wrap	Nominal	Overall			Nominal
Description	Bundle	Outer	Wall	Diameter			Weight
-	OD	Diameter	Thickness	(mm)			(kg/km)
	(mm)	(mm)	(mm)	Min.	Target	Max.	
ACW4249-0.35-X*/X*/X*/X*-0	3.1	3.2	0.65	4.3	4.5	4.7	30.5
ACW4249-0.50-X*/X*/X*/X*-0	3.6	3.7	0.65	4.8	5.0	5.2	38.7
ACW4249-0.75-X*/X*/X*/X*-0	4.2	4.4	0.65	5.5	5.7	5.9	51.3
ACW4249-1.00-X*/X*/X*/X*-0	4.8	4.9	0.65	6.0	6.2	6.4	62.4

Note: All dimensions are nominal unless otherwise stated

COLOUR CODE: When required the component shall have two co-extruded longitudinal stripes

> of colour indicated by \*. Black jacket only available.

The "X" and "\*" in the part number shall be replaced by a standard colour

code designator.

e.g. ACW4249-0.50-24/45/50/69-0, component red with two yellow stripes,

yellow with two green stripes and green with two back stripes and

blue with two white stripes.

Outer jacket black.

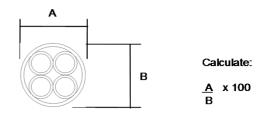
**PERFORMANCE REQUIREMENTS:**  To be tested to and meet all the requirements of the issue in effect of WSD2366.

**ADDITIONAL** Wrap: 30% nominal overlap

**REQUIREMENTS:** Circularity: 90% minimum measured as shown

Strip Force: 15 - 120 N.

## **Circularity Measurement**



APPROVAL: Electronic approval - no signatures will appear.

Tyco Electronics UK Ltd Faraday Road Dorcan SWINDON SN3 5HH Tel: +44 (0)1793 528171 Fax: +44 (0)1793 572516 TE Connectivity is a trading name of Tyco Electronics UK Ltd, which is registered in England and Wales, number 550926.

Electronics UK Ltd, which is registered in England and Wales, number 550926.
Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH This drawing and the information set forth hereon are the property of Tyco

This specification sheet takes precedence over documents referenced herein. As Tyco Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyco Electronics UK Ltd to ensure that this document is the latest issue