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Jameco Part Number 1964493



PRODUCT SPECIFICATION

INSULKRIMP CABLE CONNECTORS

1.0 SCOPE

This specification covers the Insulkrimp Cable Connectors. These are hand or tool applied pressure splicing wire and cable connectors intended for use with insulated conductors. The connector consists of a copper tubular barrel and PVC insulator. They connect two discrete wires together using a crimp on each end in consumer and industrial electronics.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBER(S)

Insulkrimp Butt Splice Connector, Series Number 19154.

Part numbers		Part numbers	
191540002	A-245OV	191540020	B-L231X
191540003	A-245OVT	191540021	B-L231XT
191540004	A-245X	191540023	BS-V-331X
191540006	A-245XT	191540024	BS-V-331XT
191540009	A-L245X	191540026	C-246OV
191540010	A-L245XT	191540027	C-246OVT
191540011	AS-V-345X	191540028	C-246X
191540012	AS-V-345XT	191540030	C-246XT
191540013	B-231OV	191540033	C-L246X
191540014	B-231OVT	191540034	C-L246XT
191540015	B-231X	191540037	CS-V-346X
191540017	B-231XT	191540038	CS-V-346XT

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

2.2.1 DIMENSIONS

As per Sales and Engineering drawings and for use with wire sizes:

- 22 AWG solid and stranded
- 18 AWG stranded
- 16 AWG solid and stranded
- 14 AWG stranded
- 12 AWG stranded
- 10 AWG stranded

2.2.2 MATERIALS

Base Material: C11000 Electrolytic Tough Pitch (ETP) Copper

2.2.3 PLATING

Electrodeposited Tin

2.2.4 MARKINGS

All Terminals will be marked "MX". Refer to appropriate sales drawings for specific marking information.

REVISION: B	EGR/ECN INFORMATION: EC No: ETC2006-0177 DATE: 2005 / 12 / 22	TITLE: CONNECTOR BUTT SPLICE INSULKRIMP	SHEET No. 1 of 3
DOCUMENT NUMBER: PS-19902-007	CREATED / REVISED BY: E. HILE	CHECKED BY: R. DEROSS	APPROVED BY: R. DEROSS



PRODUCT SPECIFICATION

2.3 SAFETY AGENCY APPROVALS

UL 486C Splicing Wire Connectors

File Number 32244

CSA Certification – C22.2 No. 65 Standard for Wire Connectors

File Number 018689C

Class 6223-02

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

Not applicable

4.0 RATINGS

4.1 VOLTAGE

600 VOLTS

4.2 CURRENT

Not applicable

4.3 TEMPERATURE

OPERATING: +105 °C MAXIMUM

5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

Per UL 486C

Static-Heating

Temperature Conditioning

Dielectric Voltage-withstand

5.2 MECHANICAL REQUIREMENTS

Per UL 486C.

Crimp Pull Out test

Secureness

Secureness of Insulation

5.3 ENVIRONMENTAL REQUIREMENTS

Not applicable

6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

7.0 GAGE AND FIXTURES

Not applicable

REVISION: B	EGR/ECN INFORMATION: EC No: ETC2006-0177 DATE: 2005 / 12 / 22	TITLE: CONNECTOR BUTT SPLICE INSULKRIMP	SHEET No. 2 of 3
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PRODUCT SPECIFICATION

8.0 OTHER INFORMATION

8.1 APPLICATION TOOLING

22-18 AWG Wire

192850008 RHT-2000
 192850004 RHT-1990
 192830005 AT-2000
 192830001 AT-1990
 192880010 ATP-A-511

16-14 AWG Wire

192850013 RHT-2100
 192850004 RHT-1990
 192830009 AT-2100
 192830001 AT-1990
 192880090 ATP-B-521

12-10 AWG Wire

192850018 RHT-2200
 192850004 RHT-1990
 192830012 AT-2100
 192830001 AT-1990
 192880179 ATP-C-530

Consult Customer Service for additional Application Tooling options.

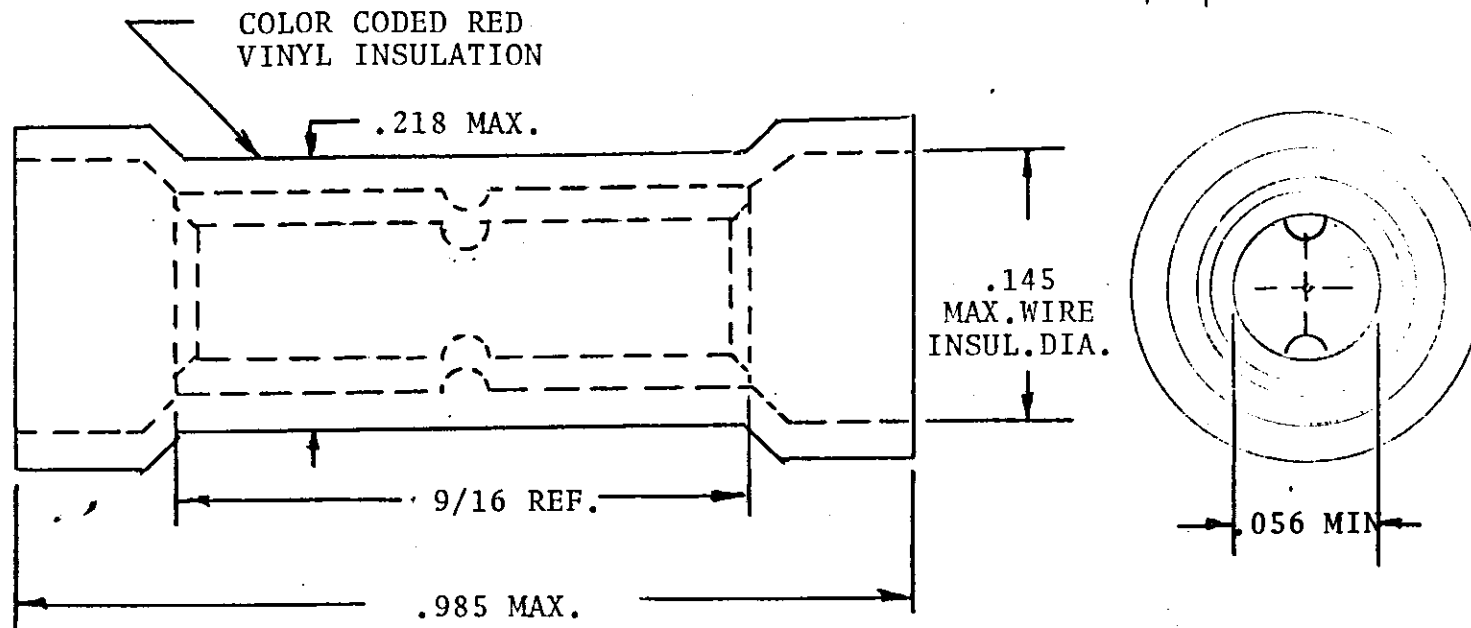
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FILE NO.


CUSTOMER DWG.

REVISIONS

LTR.	D.C.N. NO. OR CHANGE	BY	DATE



MATERIAL: COPPER
 PLATING: ELECTRO TIN .0003

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			REFERENCE	SCALE: NONE	DATE	TITLE: INSULKRIMP A-245X BUTT CONNECTOR WIRE SIZE 22-18 AWG.	 INCORPORATED CLEVELAND, OHIO	
FRAC.	DEC.	ANG.		DRWN. BY:				
±	±	±		CHKD. BY:				
				APPRD. BY:				
						DWG. NO.	A	A-245X