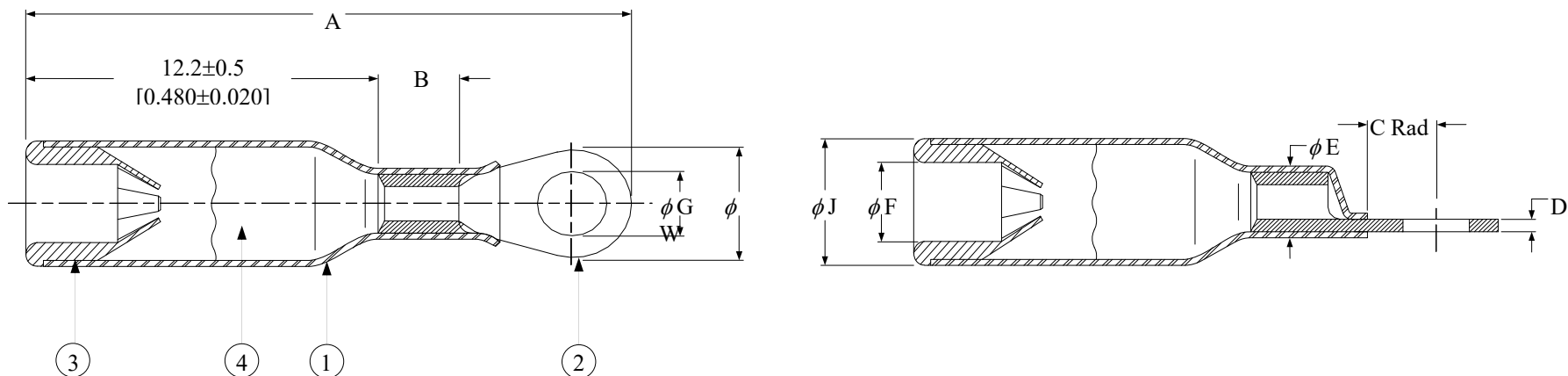


# CUSTOMER DRAWING




## MATERIALS

1. INSULATION SLEEVE: Transparent clear, radiation cross-linked modified polyvinylidene fluoride.
2. RING TERMINAL:  
Base Metal: Copper Alloy 101 or 102 per ASTM B-75, Annealed  
Plating: Tin-plate per ASTM-B545
3. END CAPS: Thermoplastic, Color Coded (See Table)
4. GEL: Clear silicone based Gel.

## APPLICATION

1. These parts are designed to provide immersion resistant wires terminations falling within size range listed above, and having insulations rated for 105°C.
2. Crimp terminals using a TE Connectivity AD-1381 Crimp Tool.
3. Install Cold Ring Terminal Splices per TE Connectivity RPIP-1107.
4. This document takes precedence over documents reference herein.
5. Temperature range: -65°C to +150°C.

 TE Connectivity		TITLE:		<b>COLD APPLIED RING TERMINAL INSULATED, IMMERSION RESISTANT 150 deg. AWG 26-12</b>	
		DOCUMENT NO.:		<b>D-436-1XXX-COLD</b>	
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		Raychem Devices		REVISION:	
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		A1	
TE CONNECTIVITY (TE) RESERVES THE RIGHT TO CHANGE THIS DRAWING AT ANYTIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		REVISED PER:		DATE:	
PREPARED BY: RODRIGUEZ		CAGE CODE: 06090		January 18, 2019	
ECO-19-000943		SCALE:		SHEET:	
		NTS		A	
				1 of 2	

# CUSTOMER DRAWING

PRODUCT DESCRIPTION	WIRE RANGE AWG	STUD SIZE	A MAX	B REF	C MIN RAD	D ±0.05 ±0.002	øE ±.25 ±.010	øF MAX	øG		øJ MAX	øW		END CAP COLOR CODE
									MAX	MIN		MAX	MIN	
D-436-1401-COLD	26-20	4	30.0 [.180]	4.2 [.165]	2.4 [.093]	0.58 [.023]	3.7 [.145]	2.2 [.085]	3.1 [.122]	2.9 [.114]	4.3 [.170]	7.3 [.286]	4.9 [.193]	RED
D-436-1601-COLD		6	30.0 [.180]		2.4 [.093]				3.9 [.152]	3.6 [.142]		7.3 [.286]	6.2 [.245]	
D-436-1801-COLD		8	31.0 [.220]		3.2 [.125]				4.5 [.178]	4.3 [.168]		8.4 [.330]	6.2 [.245]	
D-436-1101-COLD		10	31.0 [.220]		3.2 [.125]				5.2 [.203]	4.9 [.194]		8.4 [.330]	6.2 [.245]	
D-436-1402-COLD	18-16	4	27.9 [1.100]	6.1 [.240]	1.5 [.059]	0.76 [.030]	4.5 [.178]	3.0 [.120]	3.4 [.134]	3.2 [.126]	5.2 [.205]	5.8 [.230]	5.3 [.210]	BLUE
D-436-1602-COLD		6	31.8 [1.250]		2.8 [.112]				3.9 [.152]	3.6 [.142]		6.9 [.270]	6.2 [.245]	
D-436-1802-COLD		8	32.2 [1.270]		3.5 [.140]				4.5 [.178]	4.3 [.168]		8.3 [.325]	7.7 [.305]	
D-436-1102-COLD		10	37.1 [1.460]		7.5 [.297]				5.5 [.217]	5.3 [.209]		12.0 [.473]	11.4 [.450]	
D-436-1142-COLD		1/4	37.1 [1.460]		7.5 [.297]				6.8 [.268]	6.4 [.252]		12.0 [.473]	11.4 [.450]	
D-436-1162-COLD		5/16	37.1 [1.460]		7.5 [.297]				8.6 [.338]	8.2 [.323]		12.0 [.473]	11.4 [.450]	
D-436-1382-COLD		3/8	40.1 [1.580]		10.1 [.399]				10.9 [.429]	10.5 [.413]		13.7 [.540]	13.2 [.520]	
D-436-1122-COLD		1/2	45.2 [1.780]		12.5 [.494]				13.3 [.525]	13.0 [.510]		19.4 [.765]	19.1 [.750]	
D-436-1403-COLD	14-12	4	27.9 [1.100]	6.1 [.240]	1.5 [.059]	0.79 [.031]	5.3 [.210]	3.9 [.155]	3.4 [.134]	3.2 [.126]	6.1 [.240]	6.9 [.270]	6.1 [.240]	YELLOW
D-436-1603-COLD		6	29.2 [1.150]		2.9 [.116]				3.9 [.152]	3.6 [.142]		6.9 [.270]	6.1 [.240]	
D-436-1803-COLD		8	31.8 [1.250]		4.3 [.169]				4.5 [.178]	4.3 [.168]		8.8 [.345]	8.1 [.317]	
D-436-1103-COLD		10	31.8 [1.250]		4.3 [.169]				5.5 [.217]	5.3 [.209]		8.8 [.345]	8.1 [.317]	
D-436-1143-COLD		1/4	37.1 [1.460]		7.5 [.297]				6.8 [.268]	6.4 [.252]		12.0 [.473]	11.4 [.450]	
D-436-1163-COLD		5/16	37.1 [1.460]		7.5 [.297]				8.6 [.338]	8.2 [.323]		12.0 [.473]	11.4 [.450]	
D-436-1383-COLD		3/8	40.1 [1.580]		10.1 [.399]				10.9 [.429]	10.5 [.413]		13.7 [.540]	13.2 [.520]	
D-436-1123-COLD		1/2	45.2 [1.780]		12.5 [.494]				13.3 [.525]	13.0 [.510]		19.4 [.765]	19.1 [.750]	

Unless otherwise specified dimensions are in millimeters.  
(Inches dimensions are shown in brackets)

DOCUMENT NO.: <b>D-436-1XXX-COLD</b>	REVISION: A1	PROD. REV.: SEE TABLE	REVISED PER: ECO-19-000943	DATE: 18-Jan-2019	SHEET: 2 of 2
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