



**Catalog Number** 10331  
**UPC Number** 60198610331  
**Description** Vinyl Insulated Female Disconnect Connectors  
10-12 AWG



#### Features

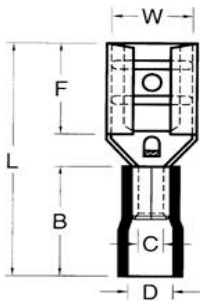
- Vinyl Color Coded insulation for easy identification
- Manufactured from high strength copper alloy
- Electro-tin plated for corrosion resistance
- Expanded insulation eliminates strand “Hang Up”, provides strain relief & excellent UV, temperature and chemical resistance
- Wire range stamped on the surface for easy interpretation
- Butted seams prevent splitting under maximum pressure
- Serrated barrel provides excellent pull-out force resistance & electrical contact

#### General

Insulation Type Vinyl  
Material Brass  
Finish Electro-Tin Plated  
Color Yellow  
Wire Range 10-12  
Tab Size .032 X .187

#### Dimension Information

T Inches (mm) 0.016  
L Inches (mm) 0.866  
B Inches (mm) 0.512  
C Inches (mm) 0.134  
D Inches (mm) 0.217  
F Inches (mm) 0.256  
W Inches (mm) 0.197



#### Specifications

Temperature Rating 167°F (75°C)  
Voltage Rating 300 V  
Flammability Rating UL94V-O  
Amp Rating 12 AWG 35 Amps  
10 AWG 50 Amps

#### Packaging

Bag Qty 100  
Master Bag Qty 1000

#### Certifications

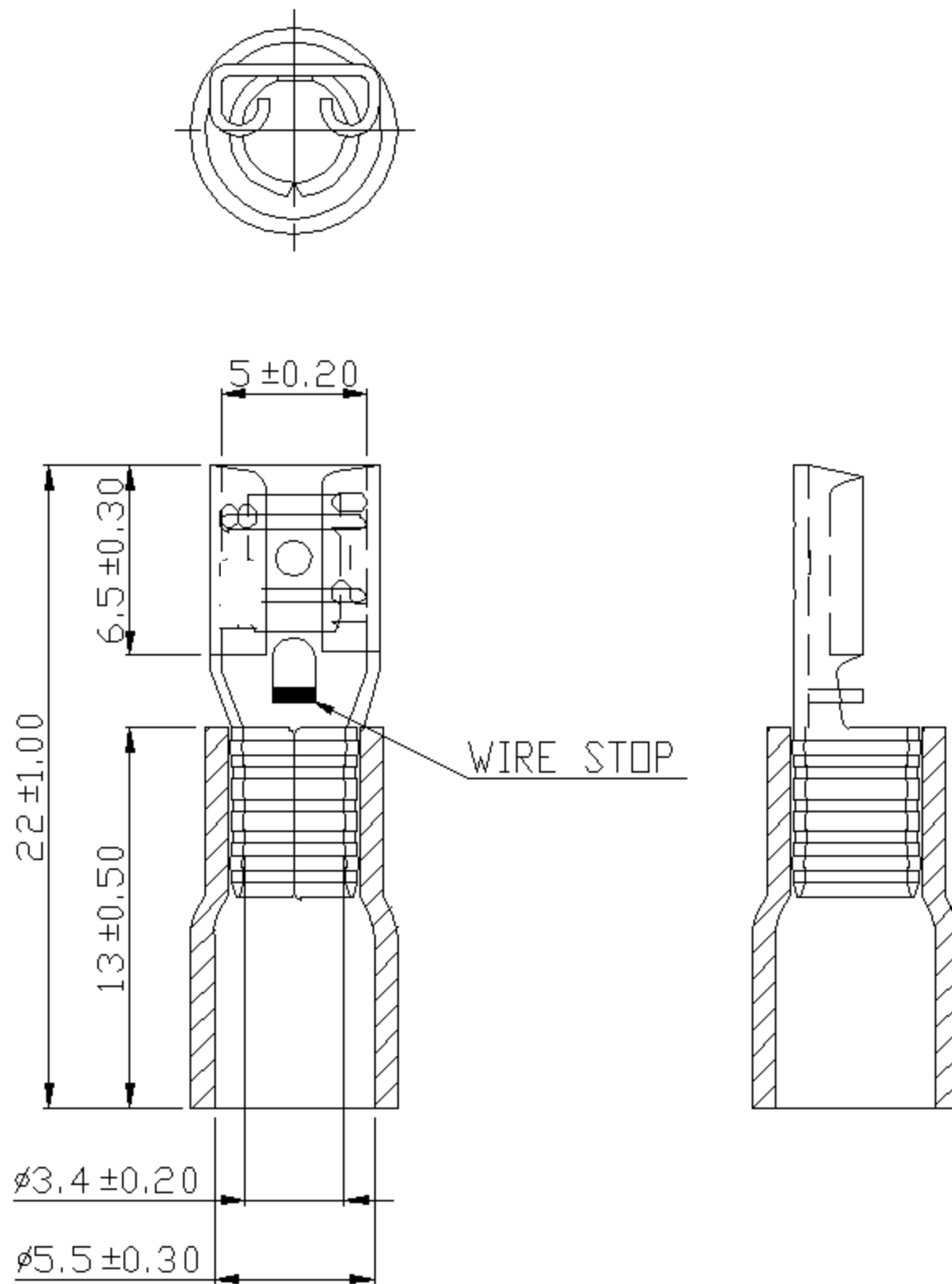
UL Yes  
cUL Yes  
RoHS Yes

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[www.morrisproducts.com](http://www.morrisproducts.com)



REV	DESCRIPTION	DATE
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NOTE:

1. MAXIMUM ELECTRIC CURRENT : 

A.W.G.	12	10	
AMP.	20	24	
2. MAXIMUM ELECTRICAL RATING : 75°C 300 VOLTS MAX.
3. INSULATION MATERIAL : VINYL
4. INSULATION COLOR : YELLOW
5. TERMINAL MATERIAL : BRASS
6. WIRE RANGE : 12-10 A.W.G.( 4-6 mm<sup>2</sup>)
7. TERMINALS SURFACE TREATMENT : TIN PLATED
8. THICKNESS : 0.35 mm
9. NEMA TAB : 0.032\*0.187 (0.8 \* 4.75)

Tolerance Unless Otherwise Specified			
0 > 6 mm	$\pm 0.20$	ANGLE	
6 > 18 mm	$\pm 0.30$	0°	° REF ±
18 > 30 mm	$\pm 0.40$	°	° ±
30 > 75 mm	$\pm 0.50$	°	° ±

NAME	VINYL-INSULATED FEMALE DISCONNECTORS				UNIT	mm	
PART NO.	10331	MATERIAL	-----	APPROVE			
NUMBER		SCALE	SHEET	PAGE	CHECKED		
DATE	2006/04/19	3/1	1-0	10F2	DRAWN		

Morris Products Inc.