



Female fully
installed 0.25X 0.032

Assembly Instructions

1. Cut a length of black and red wire at 3 and one half inches (3-1/2").
2. Strip one quarter inch (1/4") insulation from one end of both wires.
3. Strip one eighth inch (1/8") of insulation from the other end of each wire.
5. Crimp a spade lug (Insulated Spade Terminals, p/n DV18-250FI) onto the 1/4" stripped end of each wire.
6. Tin with lead free solder the 1/8" stripped end of each wire.

Bill Of Material

MFG	MFG P/N	Description	Oracle P/N	QTY	Length (in)
Panduit	DV18-250FI	18AWG Crimp Spade Lug	DV18-250FI	2	
ALPHA	3075-2	Black 18 AWG	3075/BLK	1	3.5
ALPHA	3075-3	White 18 AWG	3075/RED	1	3.5

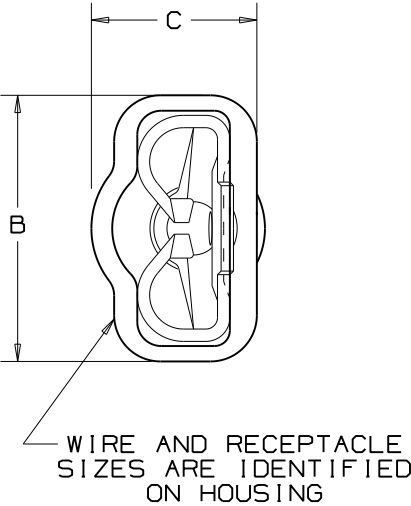
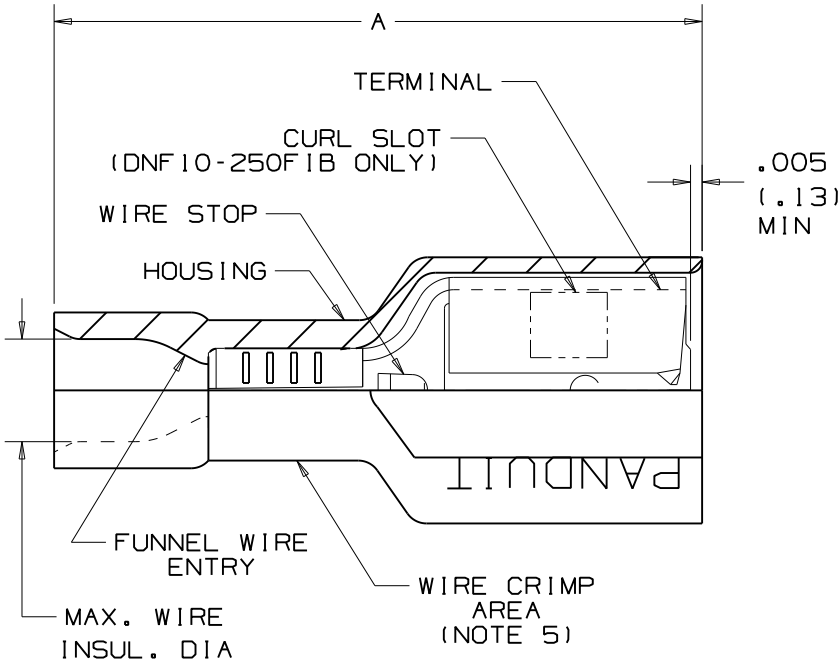
DV18-250FO - QUICK FEMALE FULLY INSTALLED
PANDUIT PN# DV18-250FI

Note: Assembly must be ROHS compliant

HO CHIEN		Rev: A
ECO #	Description	Panacea DC Power Cable Assembly (165-000273Q00)
TO9278	RELEASED	
		File Name: CA-B5042-0039
		Drawn: D. Wommack
		Date: 8/01/06

NOTES:

1. UL LISTED AND CSA CERTIFIED FOR:
A. 600V MAX VOLTAGE RATING
B. 221°F (105°C) MAX TEMP RATING (CSA).
C. 257°F (125°C) MAX. TEMP. RATING (UL).
D. STRANDED COPPER WIRE ONLY.
E. 6-12 LBS. INITIAL INSERTION/WITHDRAWL FORCE.
2. MATERIAL:
A. STAMPING-CDA 260 BRASS, TIN PLATED
B. HOUSING-TYPE 66 NYLON
3. DIMENSIONS IN BRACKETS ARE IN mm OR mm²
4. COLORS ARE TRANSLUCENT
5. PACKAGING:
STD -C=100, -L=50
BULK -M=1000, -D=500
6. DNF10-250F1B IS UL APPROVED FOR USE WITH THE FOLLOWING WIRE COMBINATIONS:
(2) #14, (2) #16, (2) #18
TWIST WIRES TOGETHER BEFORE CRIMPING



PART NUMBER	PK	TAB SIZE	WIRE RANGE AWG (mm ²)	COLOR (note 4)	MAX. INSUL.	DIMENSIONS in.			STRIP LENGTH +1/32 (.08) - 0	TOOL CHART
						A ±.03 (.8)	B ±.01 (.3)	C ±.02 (.5)		
DNF18-250F1B	-C -M	.250 X .032	22-18 (0.5-1.5)	RED	.136 (3.45)	.84 (21.3)	.35 (8.9)	.22 (5.6)	9/32 (7.1)	CT-520 CT-1525
DNF18-205F1B	-L -M	.205/.187 X .032	22-18 (0.5-1.5)	RED	.136 (3.45)	.78 (19.8)	.31 (7.9)	.22 (5.6)		
DNF18-206F1B	-L -M	.205/.187 X .020	22-18 (0.5-1.5)	RED	.136 (3.45)	.78 (19.8)	.31 (7.9)	.22 (5.6)		
DNF18-187F1B	-C -M	.187 X .032	22-18 (0.5-1.5)	RED	.136 (3.45)	.78 (19.8)	.29 (7.4)	.16 (4.1)		
DNF18-188F1B	-C -M	.187 X .020	22-18 (0.5-1.5)	RED	.136 (3.45)	.78 (19.8)	.29 (7.4)	.16 (4.1)		
DNF14-250F1B	-C -M	.250 X .032	16-14 (1.5-2.5)	BLUE	.160 (4.06)	.84 (21.3)	.35 (8.9)	.22 (5.6)		
DNF14-205F1B	-C -M	.205/.187 X .032	16-14 (1.5-2.5)	BLUE	.160 (4.06)	.78 (19.8)	.31 (7.9)	.22 (5.6)		
DNF14-206F1B	-C -M	.205/.187 X .020	16-14 (1.5-2.5)	BLUE	.160 (4.06)	.78 (19.8)	.31 (7.9)	.22 (5.6)		
DNF14-187F1B	-C -M	.187 X .032	16-14 (1.5-2.5)	BLUE	.160 (4.06)	.78 (19.8)	.29 (7.4)	.18 (4.6)		
DNF14-188F1B	-C -M	.187 X .020	16-14 (1.5-2.5)	BLUE	.160 (4.06)	.78 (19.8)	.29 (7.4)	.18 (4.6)		
DNF10-250F1B	-L -D	.250 X .032	12-10 (4.0-6.0)	YELLOW	.220 (5.59)	.96 (24.4)	.35 (8.9)	.23 (5.8)	3/8 (9.5)	CT-1525



								PANDUIT CORP TINLEY PARK, ILLINOIS			
								FULLY INSULATED FEMALE DISCONNECTS .250 X .032,.205/.187 X.187/.188 X .032/.020			
								UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: (.X) ± (.XX) ±		UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE GIVEN IN INCHES, THIRD ANGLE PROJECTION	
15	02/09	BCT		ADDED NOTE TO TWIST MULTIPLE WIRES TOGETHER PRIOR TO CRIMPING				DRAWN BY WJB DATE 1/6/99 CHK'D	MAT'L:	SCALE NONE	
14	10/08	SRB		Changed packaging codes from "C" to "L"						DRAWING NO.	DWG B SIZE
REV	DATE	BY	CHK	DESCRIPTION	ECN #	PM	CUST			A41196	