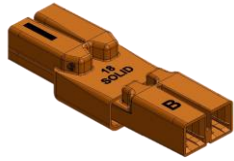




**MODELS 182 & 183**



**FEATURES/BENEFITS:**



- 2 & 3-CIRCUIT MATING CONNECTORS WITH PUSH-IN TERMINATIONS ALLOWS TOOL-FREE AND SIMPLE INSTALLATION AT OEM AND IN FIELD
- LOW PROFILE 18 AWG DESIGN CONVENIENT FOR SMALL SPACES
- TOUCH-SAFE DESIGN ON BOTH HALVES, MEETS UL/CSA REQUIREMENT
- WIPING CONTACT DESIGN ALLOWS SAFE DISCONNECT UNDER LOAD
- LOW INSERTION FORCE MAY REDUCE RISK OF REPETITIVE TRAUMA INJURY

**ELECTRICAL:**

VOLTAGE: 600 V MAX  
 CURRENT INTERRUPTION: 10 CYCLES  
 CURRENT RATED DEVICE: 3 AMPS

**MECHANICAL:**

18 AWG INSERTION FORCE: 3 LB (13 N) MAX  
 1/2"KO (0.875" HOLE): COMPLIANT

**PHYSICAL:**

HOUSING: NYLON 94V-0  
 CONTACTS: COPPER ALLOY  
 PLATING: TIN  
 TEMPERATURE: 105 C (221 F)  
 STRIP LENGTH: 3/8" (9,5 mm)  
 COLOR: ORANGE  
 POLARIZED: YES

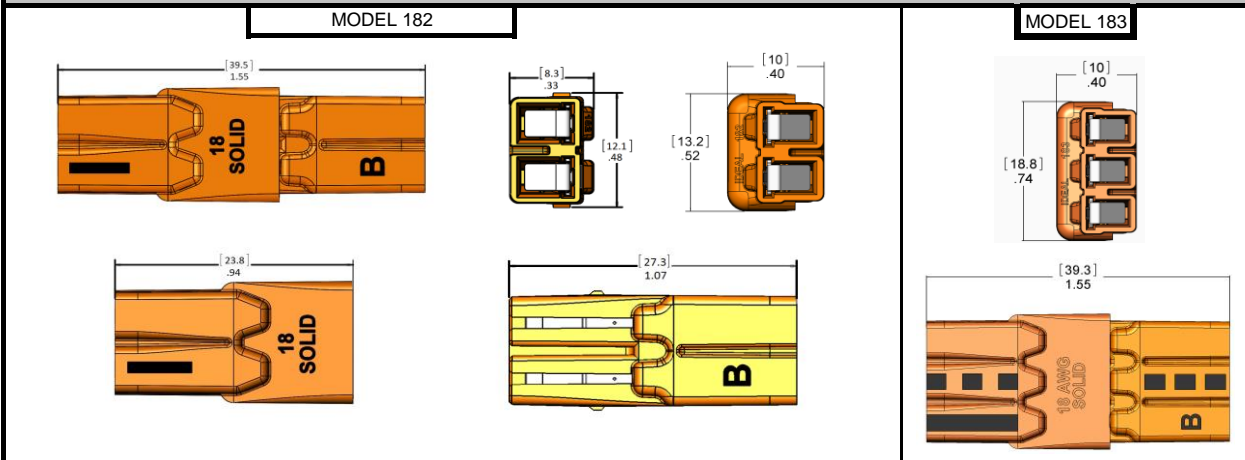
**STANDARDS & SPECIFICATIONS:**

UL 2459  
 CSA C22.2 #182.3  
 RoHS COMPLIANT  
 NEC 2008 410.130(G) COMPLIANT  
 CEC 30-308(4) COMPLIANT  
 UL 94V-0 FLAME RATING  
 US & FOREIGN PATENTS PENDING

**WIRE RANGE:**

	MODELS 182 & 183
SOLID	18 AWG
STRANDED	N/A
TIN BONDED	18 AWG (≤16 STRAND)

**DIMENSIONS:**



**ORDERING INFO:**

CATALOG #	MODEL	# CIRCUITS	PACKAGE TYPE:	WEIGHT LBS (KG):
30-682	182	2	2,500 PIECE CARTON	19.3 (8,8)
30-683	183	3	2,500 PIECE CARTON	30.3 (13,8)
30-682L	182	2 w/ 6" POWER SIDE LEADS	1,000 PIECE CARTON	18.5 (8,4)
30-682M	182	2 MALE ONLY	2,500 PIECE CARTON	10.1 (4,6)
30-682F	182	2 FEMALE ONLY	2,500 PIECE CARTON	9.6 (4,4)

**FACTORY CONTACT:**

ENGINEERED SOLUTIONS  
 IDEAL INDUSTRIES, INC.  
 BECKER PLACE SYCAMORE IL  
 USA 60178  
 P: 1-800-324-9571  
 F: 1-888-222-6140  
 E: oem@idealindustries.com

**SALES CONTACT:**