



# MODEL 182S



### FEATURES/BENEFITS:



- 2-CIRCUIT MATING CONNECTOR WITH PUSH-IN TERMINATIONS ALLOWS TOOL- FREE AND SIMPLE INSTALLATION AT OEM AND IN FIELD ON SOLID AND STRANDED WIRES
- LOW PROFILE HOUSING CONVENIENT FOR SMALL SPACES
- TOUCH-SAFE ON BOTH HALVES, MEETS UL/CSA REQUIREMENT
- WIPING CONTACT DESIGN PROVIDES RELIABLE DISCONNECT UNDER LOAD
- GREAT FOR LED, CFL, AND FLUORESCENT APPLICATIONS

### ELECTRICAL:

VOLTAGE: 600 V MAX  
 CURRENT: 3 A MAX  
 CURRENT INTERRUPTION: 10 CYCLES

### 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:

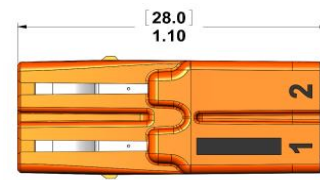
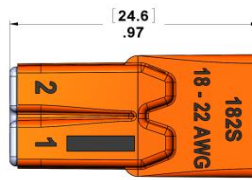
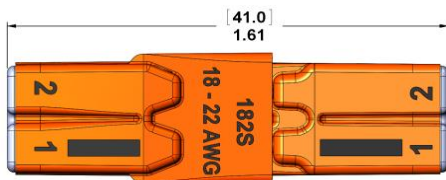
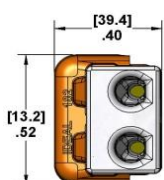
### STANDARDS & SPECIFICATIONS:

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 PATENTS: 7771217, 7527509  
 OTHER US & FOREIGN PATENTS PENDING

### WIRE RANGE:

	MODEL 182S
SOLID	18 AWG - 22 AWG
STRANDED	18 AWG (≤ 16 STRANDS)
TIN BONDED	20 AWG - 22 AWG

### DIMENSIONS:



MODEL 182S

30-682SF

30-68SM

### ORDERING INFO:

CATALOG # 30-682SM 30-682SF	MANUFACTURER 182S 182S	# CIRCUITS 2 - MALE HALF 2 - FEMALE HALF	PACKAGE TYPE: 1,000 PIECE CARTON 1,000 PIECE CARTON	WEIGHT LBS (KG): 4.5 (2,0) 4.2 (1,9)
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### FACTORY CONTACT:

ENGINEERED SOLUTION  
 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: