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Jameco Part Number 800391

FEATURES AND SPECIFICATIONS

Features and Benefits

- Patented new integral Terminal Position Assurance (TPA) on female and male terminal
- Virtually eliminates terminal backout
- Four points of electrical contact
- Wire to wire; wire-to-board

Reference Information

Product Specification: PS-44441-9999
 Packaging: Chain
 UL File No.: E29179
 CSA File No.: LR19980
 Use With: [44441](#) housing
 Designed In: Inches

Electrical

Voltage: 1000V
 Current: 18.0A max.*
 Contact Resistance: 10mΩ max.
 Dielectric Withstanding Voltage: 5000V
 Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Insertion Force: 2 lb max.
 Contact Retention to Housing: 20 lb min.
 Wire Pull-Out Force: 20 lb min.
 Normal Force: 3 lb nominal
 Durability: 25 cycles

Physical

Contact: Brass
 Plating: Tin
 Operating Temperature: -40 to +75°C
 Wire Gauge: 14, 16, 18 AWG
 Insulation Diameter: 4.57 mm (.180") max

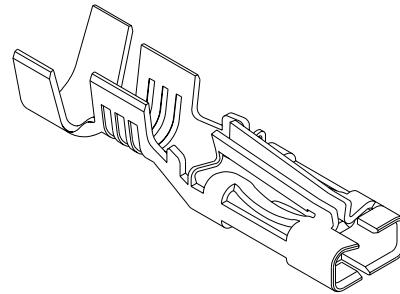
* Depending on circuit size, wire gauge and PCB. Please refer to product specification.



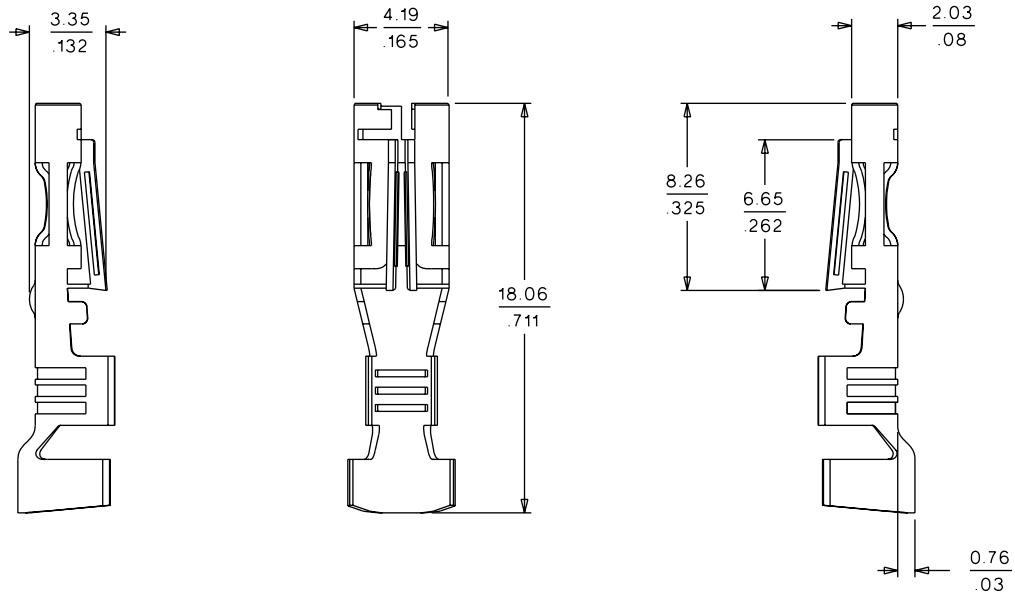
**7.50mm (.295") Pitch
 Sabre™
 Wire-to-Wire or
 Wire-to-Board
 Terminal**

43375

Female



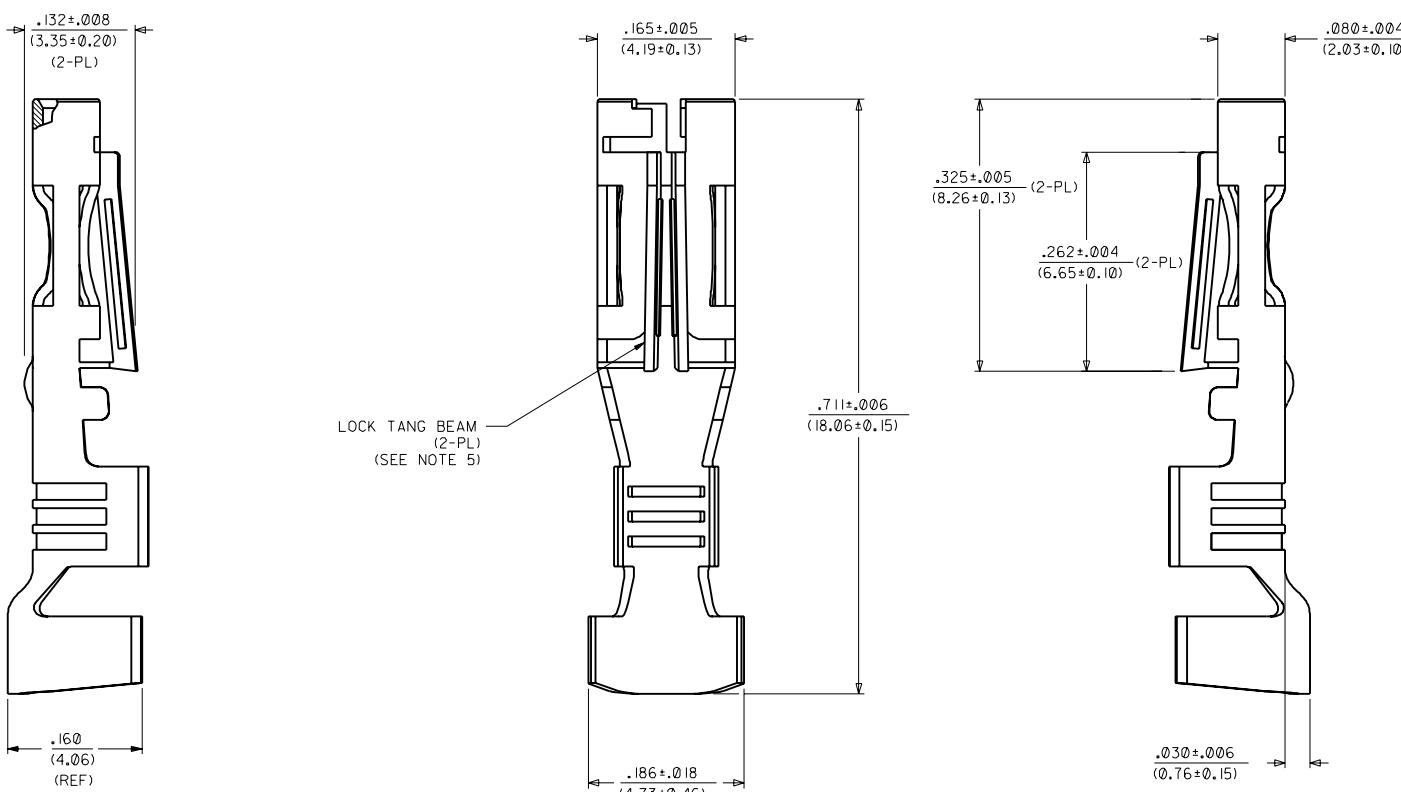
CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Order No.	Plating	Wire Size AWG	Maximum Insulation Diameter
43375-0001	Tin	14-18	3.30 (.130)
*43375-1001	Tin	14-18	4.57 (.180)

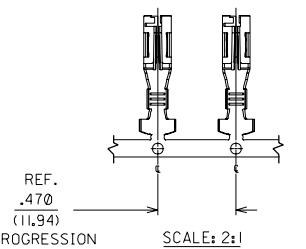
* Accommodates single or double wire crimps



SMALL INSULATION CRIMP

NOTES:

1. SINGLE CRIMP TO #18, #16 & #14 AWG WIRE WITH .031/(0.79) MAXIMUM INSULATION THICKNESS.
2. MATERIAL: .012/(0.30) THICK C26000 BRASS.
3. FINISH: HOT TIN DIP.
4. PRODUCT SPECIFICATION : PSX-44441-9999.
5. NO PORTION OF ONE LOCK TANG BEAM SHALL TOUCH ANY PORTION OF THE OTHER LOCK TANG BEAM.



DIMENSIONS SHOWN IN METRIC INCH		<input checked="" type="checkbox"/> = 0	<input type="checkbox"/> = 0	REVISE ONLY ON CAD SYSTEM
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR 1/12°				TITLE
INCH METRIC				TERMINAL, RECEPTACLE
3 PLACE	± .005	---	---	.125/(3.18) X .020/(0.51)
2 PLACE	± .01	± .013	---	SABRE - F.B.S. - T.P.A.
1 PLACE	---	± 0.25	---	MOLEX INCORPORATED
DRAFT WHERE APPROPRIATE MUST REMAIN WITHIN DIMENSIONS				FILE NO. 609532
DRAWD. MAB CHECKED KBP				DATE 04/08/05
LWD. RAS SCALE 10:1				DRG. NO. SD-43375-0001
BY RAS				SIZE CO C

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