

PLUG: PA 10 S JTB  
 RECEPTACLE: PA 10 P J  
 XX XX X XXX

PLUG		RECEPTACLE	
<b>SERIES</b>			
PA	Power connectors	PA	Power connectors
<b>SIZE</b>			
10	10 #12 contacts	10	10 #12 contacts
<b>CONTACTS</b>			
TYPE CONTACTS/TERMINATIONS: P Pin, straight, solder cup PD11 Pin, straight, dip solder, .172" x .062" dia PR7 Pin, right angle, dip solder, .109" x .082" dia PR8 Pin, right angle, dip solder, .125" x .082" dia		TYPE CONTACTS/TERMINATIONS: S Socket, straight, solder cup SD11 Socket, straight, dip solder, .172" x .062"	
<b>HARDWARE</b>			
SY	Guide set	SY	Guide set
J	Fixed jackset	J	Fixed jackset
JT	Turning jackset, 1.054" (straight plug only)	JT	Turning jackset, 1.054"
JTB	Hex turning jackset, .314" (straight plug only)	JTB	Hex turning jackset, .314"
JTL	Long turning jackset, 1.175"	JTL	Long turning jackset, 1.175"

**OPTIONS**

- Option Codes: Add to the end of the part number. Example: PA10PD11SY-P39. Call factory for additional codes.
  - D01 Pretinned contact terminations (except solder cups, wire wraps<sup>®</sup> and flex contacts) with 63/37 or 60/40 solder. ☒
  - P39 Pretinned contact terminations (except solder cups, wire wraps<sup>®</sup> and flex contacts) with SAC305 solder (lead free).
- ☒ = Option not RoHS compliant

**NOTES:**

Molded bodies: Polyphenylene sulfide  
 Contact rating: #12 contacts = 23 amps  
 Contact material: Socket - Beryllium copper, gold plated  
 Pin - Brass gold plated  
 Contact plating: Nominal Au plating thickness is 20 microinches on mating surfaces  
 Test voltage: 2000 VRMS @ sea level; 460 VRMS @ 70,000 feet  
 Contact resistance: .023 volt maximum drop @ 23 amps (.001 ohm)  
 Engagement force: 24 ounces maximum average per contact

