

PLUG: PB 20 S JTB
RECEPTACLE: PB 20 P J
XX XX X XXX

PLUG

RECEPTACLE

SERIES

PB Power connectors

PB Power connectors

SIZE

20 20 #12 contacts

20 20 #12 contacts

CONTACTS

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"

HARDWARE

SY Guide set
J Fixed jackset
JT Turning jackset, 1.054" (straight plug only)
JTB Hex turning jackset, .314" (straight plug only)
JTL Long turning jackset, 1.175"

SY Guide set
J Fixed jackset
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OPTIONS

- Option Codes: Add to the end of the part number. Example: PA5PD11SY-P39. Call factory for additional codes.
- D01 Pretinned contact terminations (except solder cups, wire wraps® and flex contacts) with 63/37 or 60/40 solder. ☒
- P39 Pretinned contact terminations (except solder cups, wire wraps® 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

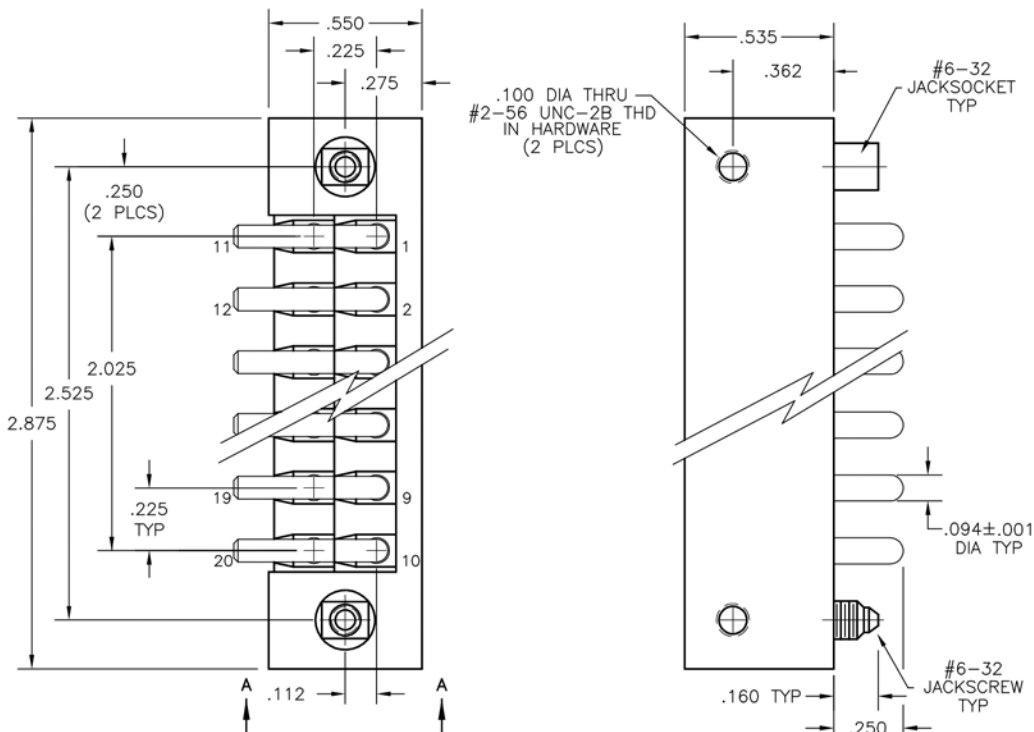
Pin - Brass gold plated

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



PB20PR8J