

DIN CONNECTORS



CORD PLUG, FLUSH SOCKET, IN-LINE

1. STRAIGHT CORD PLUG with Flush Socket Insert
2. STRAIGHT CORD PLUG with Lock Flange

STRAIGHT CORD PLUG with Flush Socket Insert

ORDERING INFORMATION

Part Number	Description	Contact Arrangement
06AL5F	5 contacts at 180°	F
⌘13AL5F	5 contacts at 240°	E
⌘15AL7F	7 contacts at 270°	H
15AL8F	8 contacts at 270°	N

STRAIGHT CORD PLUG with Lock Flange

Type 06EL5F - typical Female plug with ground contact. Lock flange designed to accept 30° lockring. Insert screw firmly holds insert assembly in shell. Flexible black strain relief with 7/32 inch diameter cable entry. Heavy duty cable clamp.

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Part Number	Description	Contact Arrangement
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⌘ Available on special order only; contact Switchcraft for price and delivery.

SPECIFICATIONS

ELECTRICAL

Contact Resistance: Cord Plugs and Receptacles; .010 ohms, contact spring/pin .030 ohms, ground clip/shell.
Control and Switching Receptacles; .015 ohms, contact spring/pin; .020 ohms, switch contacts.
Dielectric Withstanding Voltage: 500 V (rms)
Contact Rating: 5-pin; 3A, 34 V DC
Leakage Resistance: 10⁵ M (ohm)
Recommended Wire Size: 22 wire gauge maximum

MECHANICAL

Insertion/Withdrawal Forces:

Number of Contacts	Insertion Force pound/N	Withdrawal Force pound/N
2	3.6/(16)	.45- 2.7/(2-12)
3	5.4/(24)	.67- 4.1/(3-18)
4	7.2/(32)	.90- 5.4/(4-24)
5	9.0/(40)	1.24- 6.8/(5.5-30)
6	10.8/(48)	1.46- 8.1/(6.5-36)
7	12.6/(56)	1.68- 9.5/(7.5-42)
8	14.4/(64)	1.90-10.8/(8.5-48)

NOTE: All connectors meet DIN specifications #41524. Din spec. numbers (except for 4-pin, 5-pin @ 240°, and 8-pin @ 262°)

MATERIAL

Shell: Die-cast zinc alloy, nickel-plated
Receptacle Mounting Flange: Steel
Receptacle Body: Plastic
Insert Material: Plastic
Socket Contacts: Tin-plated
Pin Contacts: Tin-plated
Switching Contacts: Silver-plated
Cable Relief Bushing: Soft plastic

[click here to download a schematic drawing](#)
(you will need to have Adobe Acrobat installed on your system to do this)



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