

FEATURES AND SPECIFICATIONS

Features and Benefits

- Pre-assembled 1-piece shield
- Nonmetallic shield cover optional
- 3 strain reliefs
- Wire management plug insert provided

Reference Information

Product Specification: PS-71350A
 Packaging: Bag
 Tooling Information: See end of section
 UL File No.: E29179
 CSA File No.: LR19980
 Designed In: Inches

Electrical

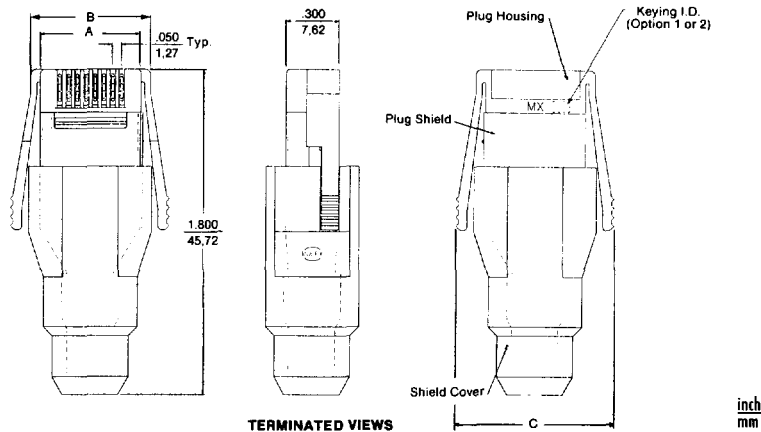
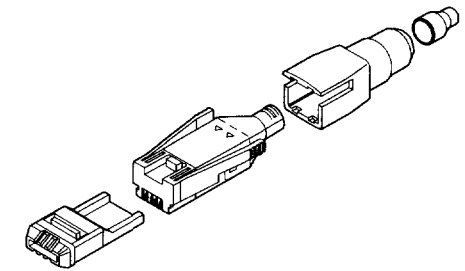
Voltage: 30V
 Current: 1.5A
 Contact Resistance: 10mΩ max.
 Dielectric Withstanding Voltage: 1000V AC rms
 Insulation Resistance: 500 MΩ min.
 Shielding Effectiveness: 30 to 500 MHz—20 dB min.
 500 MHz to 1 GHz—10 dB min.
 Electrostatic Discharge Protection: 20kV min.

Mechanical

Cable Pull-Out Force: 30 lb min.
 Plug to Socket Latch Strength: 15 lb min.
 Mating Force: 1.4 lb
 Unmating Force: 1.3 lb
 Normal Force: 100g min.
 Durability: 500 cycles min.

Physical

Housing: Plug and plug insert—clear thermoplastic, UL 94V-0
 Round cable shroud—black thermoplastic, UL 94V-0
 Contact: Phosphor Bronze
 Plating: 50μ" select Gold in contact area, Tin/Lead in insulation displacement section, both over Nickel plate
 Shields: Brass with Tin-over-Nickel plate
 Temperature: -20 to +80°C
 Wire Accommodation: 24 to 28 AWG foil-shielded flat, round and retractile cable



ORDERING INFORMATION AND DIMENSIONS

Clear Plug Kits* with Black Shield Covers						
Circuits	Order No.			Dimension		
	Non-Keyed Version	Keying Option 1	Keying Option 2	A	B	C
4	• 15-83-0504	• 15-83-0534	• 15-83-0554	9.30 (.366)	12.07 (.475)	17.22 (.678)
6	• 15-83-0506	• 15-83-0536	• 15-83-0556	11.84 (.466)	14.61 (.575)	19.76 (.778)
8	• 15-83-0508	• 15-83-0538	• 15-83-0558	14.38 (.566)	17.15 (.675)	22.30 (.878)
16	• 15-83-0516	• 15-83-0546	• 15-83-0566	24.54 (.966)	27.31 (1.075)	32.40 (1.278)

Clear Plug Kits* with Gray Shield Covers						
Circuits	Order No.			Dimension		
	Non-Keyed Version	Keying Option 1	Keying Option 2	A	B	C
4	15-83-1104	15-83-1124	15-83-1144	9.30 (.366)	12.07 (.475)	17.22 (.678)
6	15-83-1106	15-83-1126	15-83-1146	11.84 (.466)	14.61 (.575)	19.76 (.778)
8	15-83-1108	15-83-1128	15-83-1148	14.38 (.566)	17.15 (.675)	22.70 (.896)
16	15-83-1116	15-83-1136	15-83-1156	24.54 (.966)	27.31 (1.075)	32.40 (1.278)

Clear Plug Kits* without Shield Covers						
Circuits	Order No.			Dimension		
	Non-Keyed Version	Keying Option 1	Keying Option 2	A	B	C
4	15-83-0804	15-83-0829	15-83-0854	9.30 (.366)	12.07 (.475)	17.22 (.678)
6	15-83-0806	15-83-0831	15-83-0856	11.84 (.466)	14.61 (.575)	19.76 (.778)
8	15-83-0808	15-83-0833	15-83-0858	14.38 (.566)	17.15 (.675)	22.70 (.896)
16	15-83-0816	15-83-0841	15-83-0866	24.54 (.966)	27.31 (1.075)	32.40 (1.278)

* US Standard Product, available through Molex franchised distributors
 * Kit includes plug with pre-assembled shield, plug insert and crimp ferrule