Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



49721A Molded Cable Assemblies - D-Subminiature Assembly

 For more Information please call

1-800-Belden1



General Description:

15 position shielded D-Sub, for any 15-pin application exposed to high-noise environment, S-R PVC insulation, foil shield (general purpose), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Con	ductor Material	Dia. (in.)
15	24	7x32	TC -	Tinned Copper	.024
Total Number	r of C	onductor	s:		15
Number of Pi	ns:				15

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.01

Connector Characteristics

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Connector Characteristics - First End # of Connector Contacts/positions:	15
Connector Characteristics - First End Connector Gender:	Male
Connector Characteristics - First End Connector Shielding Type:	Metal Backshell
Connector Characteristics - First End Connector Type:	D-Sub
Connector Characteristics - First End Overmold Color:	Chrome
Connector Characteristics - First End Overmold Compound Material:	PVC
Connector Characteristics - First End Overmold Type:	15 Position D-Sub
Connector Characteristics - First End Retention Hardware:	Thumbscrew
Connector Characteristics - Second End # of Connector Contacts/positions:	15
Connector Characteristics - Second End Connector Gender:	Male
Connector Characteristics - Second End Connector Shielding Type:	Metal Backshell
Connector Characteristics - Second End Connector Type:	D-Sub
Connector Characteristics - Second End Overmold Color:	Chrome
Connector Characteristics - Second End	PVC

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Overmold Compound Material:

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Connector Characteristics - Second End Overmold Type:	15 Position D-Sub		
Connector Characteristics - Second End Retention Hardware:	Thumbscrew		

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.032

Overall Cable

Overall Nominal Diameter: 0.284 in.

Assembly Dimensional

Assembly Dimensional Length: 10

Wiring

Wiring: Point to Point. Pin #1 on end 1 to Pin #1 on end 2, Pin #2 to Pin #2, etc. Cable

shield connected to connector shell.

Mechanical Characteristics (Overall)

80°C (UL AWM Style 2464) **UL Temperature Rating:**

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

	NEC/(UL) Specification:	CM (cable only)			
	AWM Specification:	UL Style 2464 (300 V 80°C) (cable only)			
	EU Directive 2000/53/EC (ELV):	Yes			
	EU Directive 2002/95/EC (RoHS):	Yes			
	EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005			
	EU Directive 2002/96/EC (WEEE):	Yes			
	EU Directive 2003/11/EC (BFR):	Yes			
	CA Prop 65 (CJ for Wire & Cable):	Yes			
	MII Order #39 (China RoHS):	Yes			
Ple	enum/Non-Plenum				
	Plenum (Y/N):	No			

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2464)

Notes (Overall)

Notes: Molded handles are 100% shielded to assist in FCC compliance and guard against EMI/RFI. All connectors tin-plated and male connectors have detents for positive ground connection. Wiring is point-to-point with the shield to connector shell.

Notes (Cont'd.):	Jack screw retention on both connectors.

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49721A 060S2	1 EA	1.000 LB	CHROME		15 POS SHD D-SUB 9541

Revision Number: 1 Revision Date: 09-19-2008

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