

**date** 04/24/2012

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## **SERIES:** MD | **DESCRIPTION:** MINI DIN CONNECTOR

#### **FEATURES**

• 3~9 pins

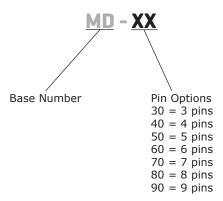
• plastic strain relief

• rated voltage: 100 Vac





#### **PART NUMBER KEY**



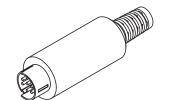
#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			МΩ
voltage withstand	for 1 minute			250	Vac
insertion force				4.5	kg
withdrawl force		0.9		3	kg
operating temperature		-20		105	°C
life			5,000		cycles

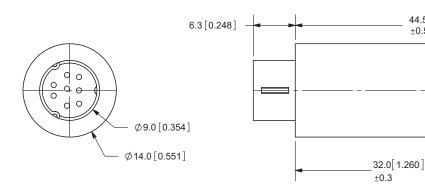
### **MECHANICAL DRAWINGS**

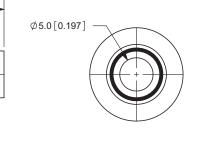


TOLERANCE: ±0.2mm



	MATERIAL	PLATING
shield	brass	nickel
pin contacts (1~9)	brass	silver
insulator	Polyamide 6 (PA-1010C2)	
shell	ABS (PA-757)	
cover	UE630 + PELL (LL120)	





**MD-30** 





44.5 [1.752] ±0.5



**MD-50** 



**MD-60** 



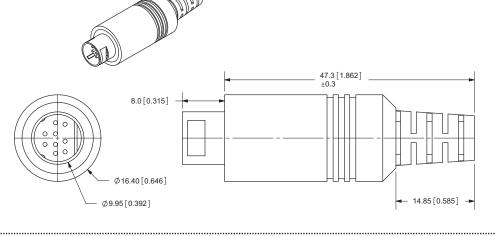
**MD-70** 

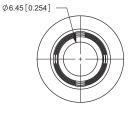


**MD-80** 

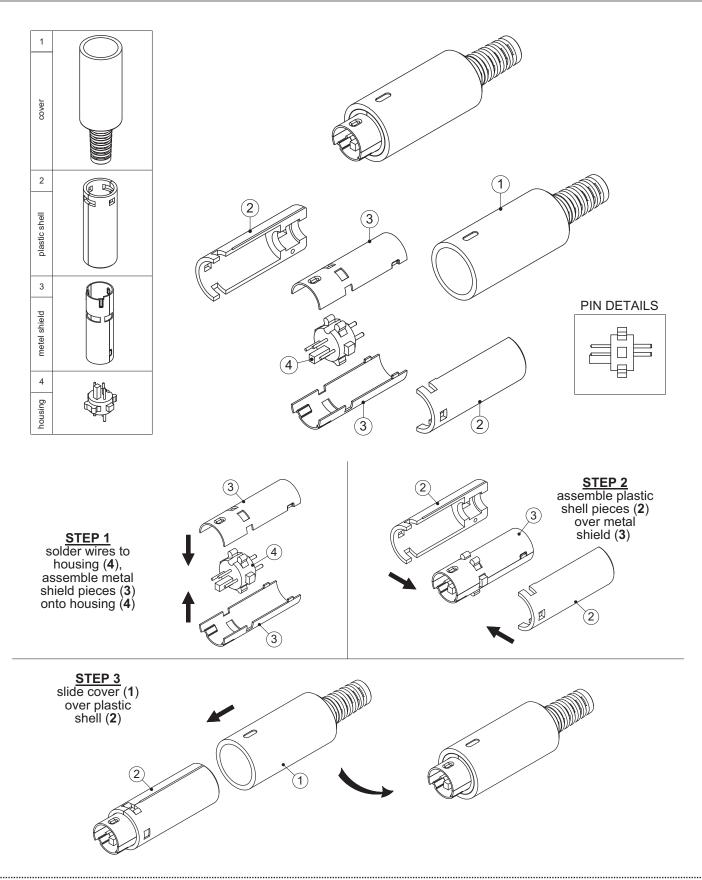


**MD-90** 





# **MECHANICAL ASSEMBLY**



#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	04/06/2006
1.01	updated dimensions	02/27/2008
1.02	added tolerance	12/01/2009
1.03	added insertion and withdrawl force	05/19/2010
1.04	new template applied	04/09/2012
1.05	updated housing	04/24/2012

The revision history provided is for informational purposes only and is believed to be accurate.



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 800.275.4899

Fax 503.612.2383 cui.com techsupport@cui.com

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