



#### Notes:

##### 1. Electrical Specifications:

- Meets EIA/TIA-568-B.2 Cat.5e Specification
- Contact Resistance: 20mOhm max.
- Insulation Resistance: 500MOhm min. @ 100 VDC
- Current Rating: 1.2A max. at 25~C
- Working Voltage: 100 VDC
- DWV: 1000 VDC/60s Contact to Contact, 1500 VDC/60s Contact to Metal Shell
- Operating Temperature: -40~C to +85~C

##### 2. Material and Finish:

- Receptacle Housing: Polyester (Color: see Part Number Table); UL94 V-0
- Panel Nut: Brass, Finish: Nickel Plated
- Panel Gasket: Silicon, Color: White
- Cat.5e RJ45 Jack Metal Shell: Copper Alloy, Nickel Plated
- Cat.5e RJ45 Jack Plastic Housing: Glass filled PBT UL94 V-0, Color: Black
- Cat.5e RJ45 Jack Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
- PCB: FR-4
- Terminal Block Insulator: Polyamide, UL94 V-0 Rated
- Terminal: Brass, Tin Plated
- Gage Clamp: Brass, Tin Plated
- M2 Screw: Steel, Zinc Plated

3. Connector can be front or rear mounted to a maximum panel thickness of 3.2mm.

4. Potted Version must be used, if IP67 required when not capped or mated

5. Recommended Mounting Panel Nut Torque is 20 to 25 lb-inch

Directive 2002/95/EC RoHS Compliant

Description	Colored Plastic Receptacle Housing with Shielded Cat.5e RJ45 Jack with Terminal Block					
Plastic Receptacle Housing Color	Black	Blue	Green	Yellow	Red	White
Unpotted Version Part Number	17-110054	17-110064	17-110074	17-110084	17-110094	17-110104
Potted Version Part Number	17-110114	17-110124	17-110134	17-110144	17-110154	17-110164

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION.	Customer:			Tolerance Unless otherwise specified			Scale:	Dim. in mm
	Name	Title	Approval Date	0 PLC ± 0.50	1 PLC ± 0.38		Material: See Notes Title: Receptacle Assembly Kit Colored Plastic Receptacle Housing with Cat. 5e RJ45 Jack and Terminal Block Drawing No.: 17K1A345 Part No.: SEE PART NUMBER TABLE	
				2 PLC ± 0.25	3 PLC ± 0.10			
				ANGLES ± 3°				
Rev. a original Rev. Changes Date Name			2012 Date Name Draw. Oct. 09 Vincent Ke Appd. Oct. 09 J. Chaudry Norm D-old		CONEC® DIN A3 Sheet 1/1			

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