Shielded Cat.5e RJ45 IDC Jack
accepts both Solid and Stranded
AWG 24 to 26 Wires

Panel Flange

Receptacle Housing
(Plastic in different Colors
Bayonet Locking Style)

Panel Gasket

Panel Nut
(M28 x 1.5)

Recommended Panel Cutout ⓑ

26.50 ± 0.05

Ø28.00 ± 0.05

45.95

Bayonet Channel x 3

Sealed with Sealing Compound,
provides IP67 even when uncovered
(For potted version only)

3.5

2

19.4

29.7

HEX 32

Ø34

34.5 ⓑ

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 IDC Jack Metal Shell: Copper Alloy, Nickel Plated
   - Cat.5e RJ45 IDC Jack Plastic Housing: Glass filled PBT UL94 V-0, Color: Black
   - Cat.5e RJ45 IDC Jack Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel

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

4. IP67 rated when covered or fully mated with the appropriate mating connector

5. RoHS compliant

Description	Potted Colored Plastic Receptacle Housing with Shielded Cat.5e RJ45 IDC Jack					
Plastic Receptacle Housing Color	Black	Blue	Green	Yellow	Red	White
Part Number	17-10033 ⓒ	17-102424	17-102434	17-102444	17-102454	17-102464

DO NOT ALTER CAD DRAWING BY HAND

Customer:				Tolerance Unless otherwise specified 0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3		⊕◁◻	Scale: 1.5:1		Dim. in mm
	Name	Title	Approval Date			Autodesk Inventor	Material: See Notes		
				2011	Date	Name	Title: Potted Receptacle Assembly Kit Colored Plastic Receptacle Housing with Shielded Cat.5e RJ45 IDC Jack		
				Draw.	Jan. 28	Vincent Ke			
				Appd.	Jan. 28	J. Chaudry			
				Norm					
c		Apr/01/2011	Vincent ke	D-old			Drawing No.: 17K1A187		DIN A3
b		Mar/08/2011	Vincent ke		CONEC®				
a	original						Part No.: SEE PART NUMBER TABLE		Sheet 1/1
Rev.	Changes	Date	Name						

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