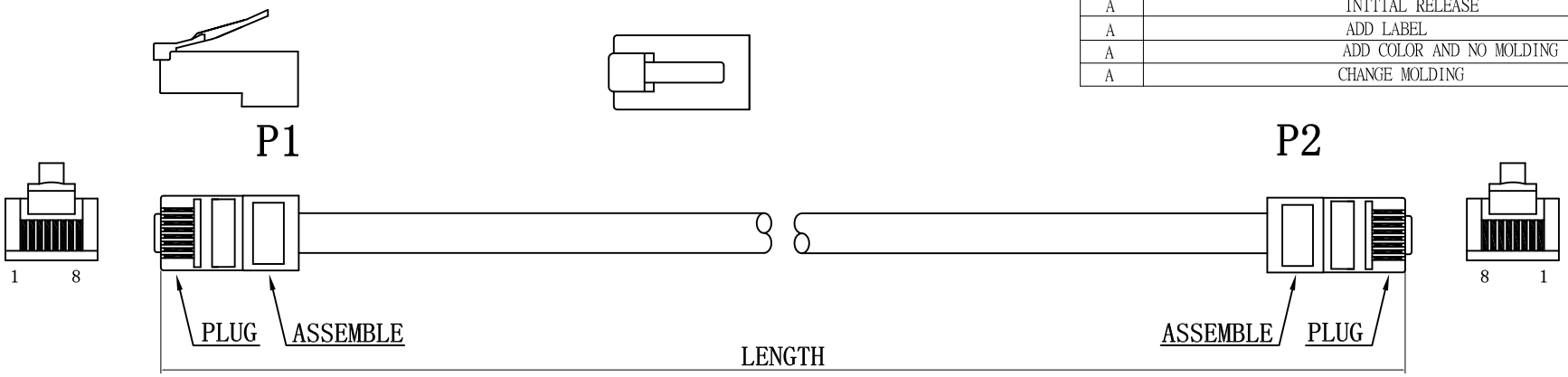
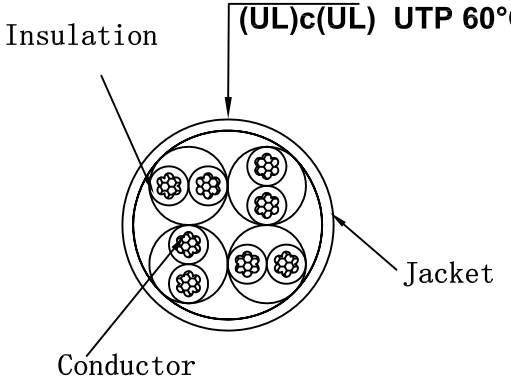
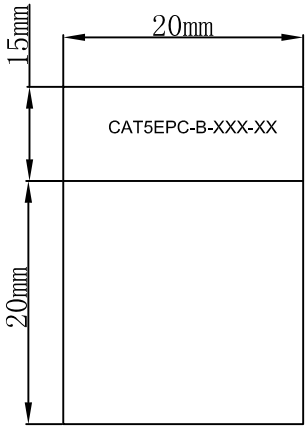
REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2015.3.12
A	ADD LABEL	2015.3.13
A	ADD COLOR AND NO MOLDING	2015.4.1
A	CHANGE MOLDING	2015.4.2



Marking:BLACK BOX CONNECT --- www.blackbox.com/connect--- Category 5e ▲ E196163-Y CM (UL)c(UL) UTP 60°C 4PR 26AWG STR ▲ ETL VERIFIED TO ANSI/TIA-568-C.2 CAT5E TESTED TO 100MHZ



orange 2 white/orange	green 3 white/green
blue 1 white/blue	brown 4 white/brown



LABEL

PINOUT			
PA/R	P1(T568B)	WIRE	P2(T568B)
1	1	WHT/ORG	1
	2	ORG	2
2	3	WHT/GRN	3
	6	GRN	6
3	4	BLU	4
	5	WHT/BLU	5
4	7	WHT/BRN	7
	8	BRN	8

Conductor	Bare Stranded Copper 26AWG	
Insulation	Thickness:MIN at any point:0.15mm MAX AVG:0.25mm Diameter:0.80±0.06mm	
Jacket	PVC	Thickness:MIN at any point:0.65mm MAX AVG:0.70mm Diameter:5.3±0.20mm
Wire	CAT.5E UTP 26AWG*4P	
Plug	8P8C Gold Flash	
Length	XXX = (1,2,3,4,5,6,7,10,15,20,25) FEET	
Color	white	

RJ45 Plugs Standard-IEC 60603-7

Attenuation (Maxinmum):22.5dB @100MHZ

Frequency:Up to 100MHZ

Impedance:100±15 ohms

NEXT (Minimum):35.3dB @100MHZ

PS-NEXT (Minimum):32.3dB @100MHZ

Return Loss (Minimum):10dB @100MHZ

Standards:ANSI/TIA-568-C.2 CAT.5E

The information contained in this document is the sole property of Black Box Corporation of Pennsylvania. Any reproduction in part or whole without the written permission of Black Box Corp. is prohibited.

©Copyright 2012 Black Box Corporation of Pennsylvania d/b/a Black Box Network Services.All Rights Reserved.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL CRS

FINISH POWDER COAT

DO NOT SCALE DRAWING

BLACK BOX Connect

	NAME	DATE
DRAWN	JFL	2015.05.14
ENG APPR.	DHJ	2015.05.14
CHECKED		

COMMENTS:

TITLE: CAT5E PATCH CABLE BASIC CONNECTOR, WHITE

SIZE B | PART.NO. CAT5EPC-B-XXX-WH | REV A

SCALE: 1:1 | SHEET 1 OF 1

20150312-001