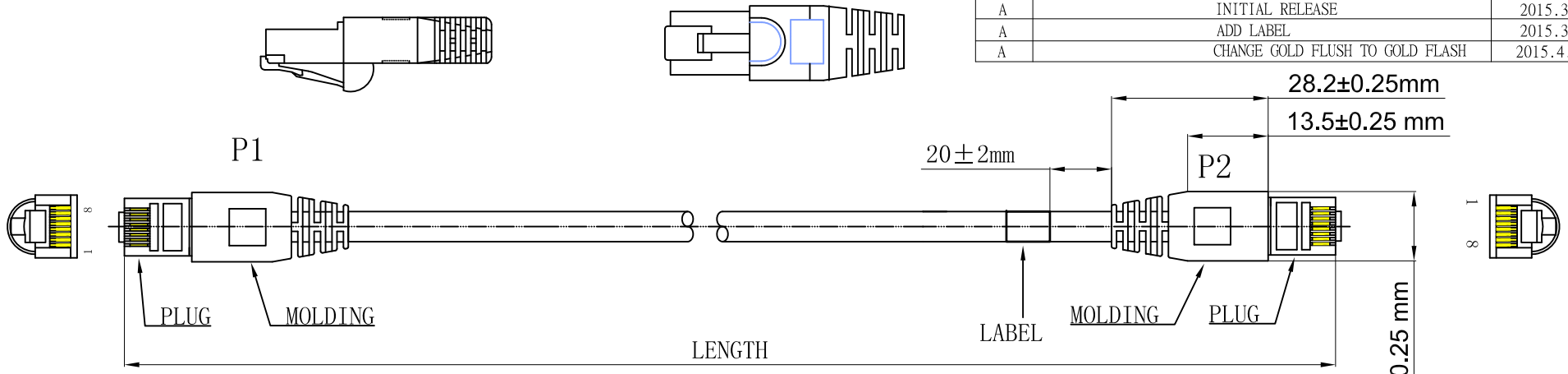
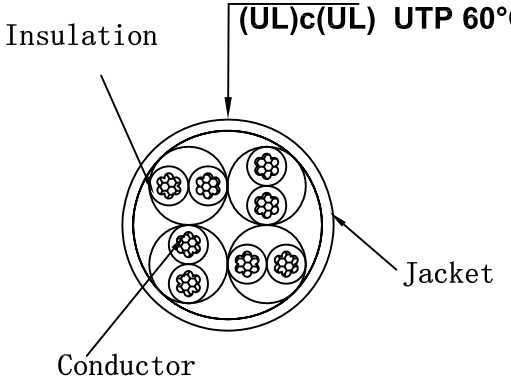
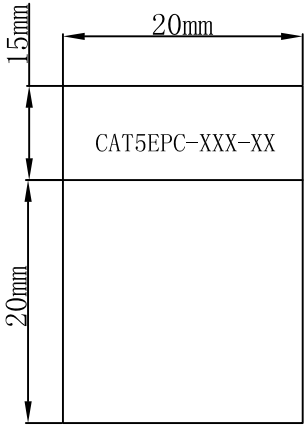
REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2015.3.12
A	ADD LABEL	2015.3.13
A	CHANGE GOLD FLUSH TO GOLD FLASH	2015.4.16



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:0.76±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	ORANGE	

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):19dB @100MHZ

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

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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	2015.04.17
ENG APPR.	DHJ	2015.04.17
CHECKED		2015.04.17

COMMENTS:

TITLE:
CAT5E PATCH CABLE MOLDED BOOT ORANGE

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

SCALE: 1:1 | SHEET 1 OF 1

20150312-001