

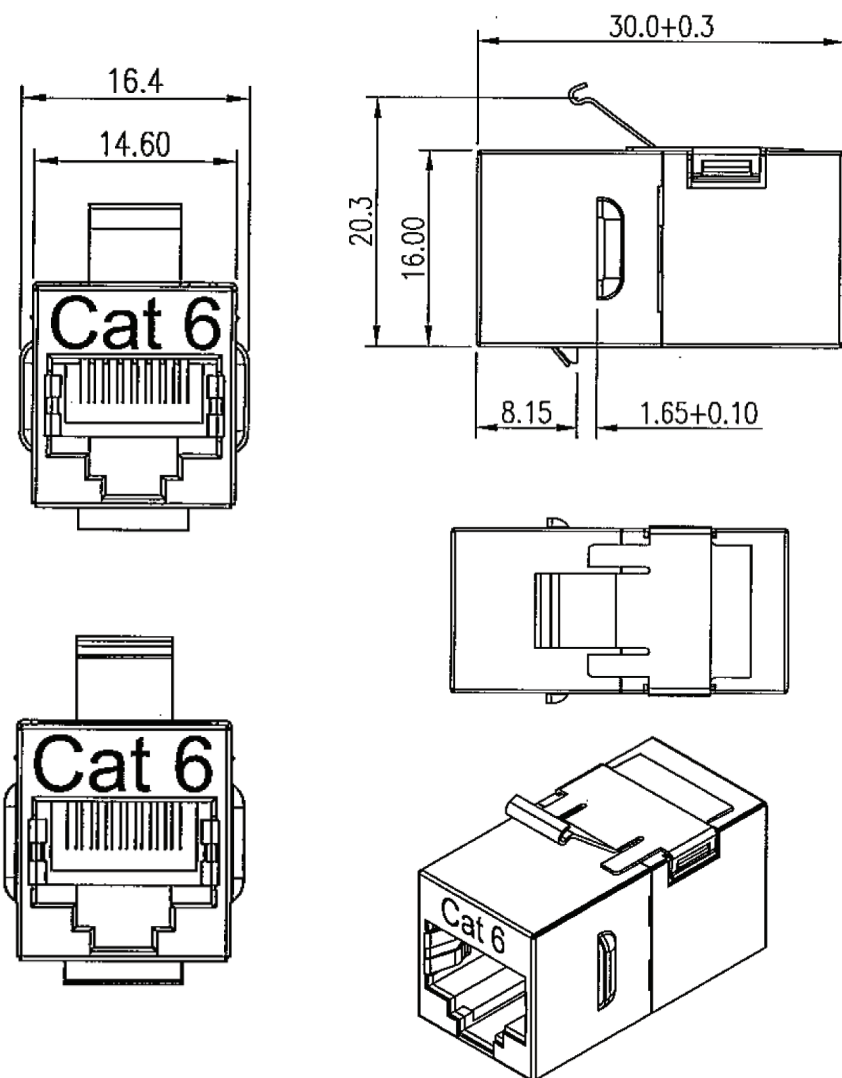


PART NO.

MC8533-6101

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	1.0	RELEASED	AB	07/05/12	ER	07/05/12	ER	07/05/12

**Specification**

Qualified Cat.6 /Class E
Permanent Link / Channel of
TIA/EIA-568-B.2 Cat.6 ISO / IEC 11801
Cenelec EN 50173
IEC 60603-7

Electrical

Current Rating : 1.5 Amps
Insulation Resistance : 500M Ω Min.
Contact Resistance : 20m Ω Max.
DC Resistance : 0.1 Ω Max.

Mechanical

Plug Insertion Life : 750 Cycles Min.
Plug & Jack Contact Force : 100 Grams Min.
Using FCC-Approved Plug
Plug Retention Force : 30lbs Min.
Temperature : -40°F to 150°F (-40°C to 68°C)

Physical

Housing : High Impact Flame Retardant Plastic
Shielded : 0.25t Copper Alloy with Nickel Plated
Bracket : 0.3t SUS 301
PCB : FR4, 1mm Thickness
Jack Wiring : Phosphor Bronze
Gold Over Nickel Plated

Part Number Table

Description	Part Number
Category 6 STP Coupler	MC8533-6101

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DRAWN BY:	DATE:
AB	07/05/12
CHECKED BY:	DATE:
ER	07/05/12
APPROVED BY:	DATE:
ER	07/05/12

DRAWING TITLE:**Category 6 STP Coupler**

SIZE	DWG NO.	ELECTRONIC FILE	REV
A4	MC8533-6101-01	MC8533-6101-1	1.0
SCALE: NTS		U.O.M.: mm (inch)	SHEET: 1 of 1