



NOTES:
 (1) ALL PATCH CABLES ARE 100% TESTED FOR CONTINUITY
 (2) ASSEMBLY WIRED PER T568B SEQUENCE

PIN ASSIGNMENT

POS. NO.	T568B WIRING (PC TO HUB)	POS. NO.
1	ORANGE	1
2	WHITE/ORANGE	2
3	GREEN	3
6	WHITE/GREEN	6
4	WHITE/BLUE	4
5	BLUE	5
7	BROWN	7
8	WHITE/BROWN	8

OPERATING TEMP.	DESCRIPTION
-20°C to +75°C	
3 OVER MOLD	PVC 75P OVERMOLD COLOR: RED
2 PLUG	RJ45 8P8C MODULAR PLUG CONTACT: COPPER ALLOY 50U" GOLD PLATED INSULATOR: POLYCARBONATE, UL94V-2
1 CABLE	CAT 6 UTP 24AWG(7/0.20)*4P CABLE JACKET: RED PVC OD: 6.0±0.2mm
NO.	ITEM

*PLEASE NOTE: LAST 4 DIGITS DENOTES LENGTH IN FEET
 I.E. J2042-0003 = 3' CABLE

REVISION					
REV	DESCRIPTION	ECO No.	CHG. BY	DATE	APPROVED
1	Added Tolerance	N/A	T.G.	10/28/09	T.G.
2	Revised Item Descriptions & Temperature, Added Testing	N/A	T.E.	11/17/10	T.E.
3	Updated Pinout	N/A	T.E.	11/19/10	T.E.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET. CABLE LENGTH TOLERANCES:	
XXXX ≤ 1 ft	+1 inch, -0 inch
XXXX > 1 ft to 5 ft	+2 inches, -0 inch
XXXX > 5 ft to 10 ft	+4 inches, -0 inch
XXXX > 10 ft to 25 ft	+5 inch, -0 inch
XXXX > 25 ft	+5%, -0%

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JEM ELECTRONICS, INC.
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DRAWING TITLE: CAT 6 UTP RED PATCH CORD

SCALE: 1:1

DATE: 11/19/10

SHEET: 1 OF 1

Rev. 3