



WIRE NO.	FR. OR COND. NO.	FROM	TO	SIGNAL NAME
1	P1-1	P2-1		CHS GND (DRAIN)
	P1-18	P2-18		LL
2	P1-2	P2-2		TXD DATA
	P1-14	P2-14		TXD DATA RTN
3	P1-3	P2-3		REC DATA
	P1-16	P2-16		REC DATA RTN
4	P1-4	P2-4		RTS
	P1-19	P2-19		RTS RTN
5	P1-5	P2-5		CTS
	P1-13	P2-13		CTS RTN
6	P1-6	P2-6		DSR
	P1-22	P2-22		DSR RTN
7	P1-7	P2-7		SGND
	P1-21	P2-21		RL
8	P1-8	P2-8		DCD
	P1-10	P2-10		DCD RIN
9	P1-9	P2-9		RTN RESET DD
	P1-17	P2-17		DD REST
10	P1-11	P2-11		RTN TSET DA
	P1-24	P2-24		DA TSET
11	P1-12	P2-12		RTN RSET DB
	P1-15	P2-15		DB REST
12	P1-20	P2-20		DTR
	P1-23	P2-23		RIN DTR
13	P1-25	P2-25		TEST MODE
	P1 SHIELD	P1-1		P1 HOOD (BRAID)
	P2 SHIELD	P2-1		P2 HOOD (BRAID)

SECTION A-A

JACKET
AL. FOIL
INSULATOR

BRAID (1) 16/11/0.12T
BRAID (2) 16/7/0.12T
CONDUCTOR 7/0 0.127
DRAIN WIRE 2 PIECES

SHIELD SOLDERED 360°
COPPER FOIL

PE MOLDED

NO.	ITEM	DESCRIPTION
6	SCREW	#4-40 UNC 4#45 MOLD PVC 45P COLOR: BLACK QTY: 4
5	INNER MOLD	COPPER FOIL PE MOLDED COLOR: NATURAL
4	OVER MOLD	PVC 45P OVERMOLD COLOR: BLACK
3	DB 25P MALE CONN.	MALE DB 25P CONNECTOR, SHELL: NICKEL PLATED CONTACT: BRASS, INSULATOR: PBT+G.F, UL94V-0
2	DB 25P MALE CONN.	MALE DB 25P CONNECTOR, SHELL: NICKEL PLATED CONTACT: BRASS, INSULATOR: PBT+G.F, UL94V-0
1	CABLE	RS530 28AWG(7/0.127)*12P+28AWG(7/0.127)*1C, STRANDED +DRAIN WIRE(TWO PIECES)+BRAID SHIELD(16/11/0.12T) +BRAID SHIELD(16/7/0.12T), JACKET: PVC O.D.Ø.9 ±0.2MM, COLOR:BLACK

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	+6 inches, -0 inch
XXXX > 25 ft.	+3%, -0%

*PLEASE NOTE: LAST 3 DIGITS DENOTES LENGTH IN FEET
I. E. J5222-015 = 1.5' CABLE

REVISION					
REV	DESCRIPTION	ECO No	CHG. BY	DATE	APPROVED
1	Added Tolerance	N/A	T.E.	2/19/10	T.E.

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JEM ELECTRONICS, INC.
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DRAWING NAME: DB25P(M) TO DB25P(M) CABLE.

SIZE: DRAWING NO. J5222-XXXX REV 1

SCALE: 1:1 DATE: 2/19/10 SHEET 1 OF 1