



PIN ASSIGNMENT

P1		P2
1	ORANGE (Tx)	2
2	YELLOW (Rx)	3
3	BROWN (CTS)	7
5	BLACK (GND)	5
8	GREEN (RTS)	8
S	DRAIN WIRE	S

- NOTES:
- 1. PIN ASSIGNMENT SEE TO WIRE LIST.
 - 2. ELECTRICAL TEST CONDITION:
 - (a) 100%OPEN, SHORT & MISWIRE TEST,
 - (b) INSULATOR RESISTANCE:5Mohm MIN.
DC 300V 0.01sec.
 - (c) CONTACT RESISTANCE:5ohm MAX.
 - 3. RoHS COMPLIANCE.

5	G0001	Mold	ALL CONNECTORS OVERMOLD BLACK PVC
4	C0052	Screw	THUMB SCREW #4-40UNC E31 BLACK ABS
3	A0010	Conn	DB9 FEMALE BLACK INSULATOR SOLDER TYPE
2	A0586	Conn	M12 8P A-CODE MALE BLACK INSULATOR SOLDER TYPE
1	E1052	Cable	#24AWG/5C+D+AL OD:5.0mm BLACK PVC
No	Part No	Title	Description

△			△		
△			△		
△			△		
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE

Carnegie Robotics PN 00347-01 rev02

UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ± 0. ± .0 ± .00 ±		ARCHTECH ELECTRONICS CORP.	
SCALE: NONE	UNIT: mm	CUSTOMER P/N.: 90-M12A8M/D9F-08	
DRAWN:	05/26/'17	DRAWN NAME:	
CHECKED:	/ /	M12 A-CODE 8P MALE/DB9F SERIAL CABLE AL=2.5M	
APPROVED:	/ /	PRODUCT NO: AA8552620	
⊕	SIZE A4	REV. X1	FILE NAME: 90-M12A8M/D9F-08