





























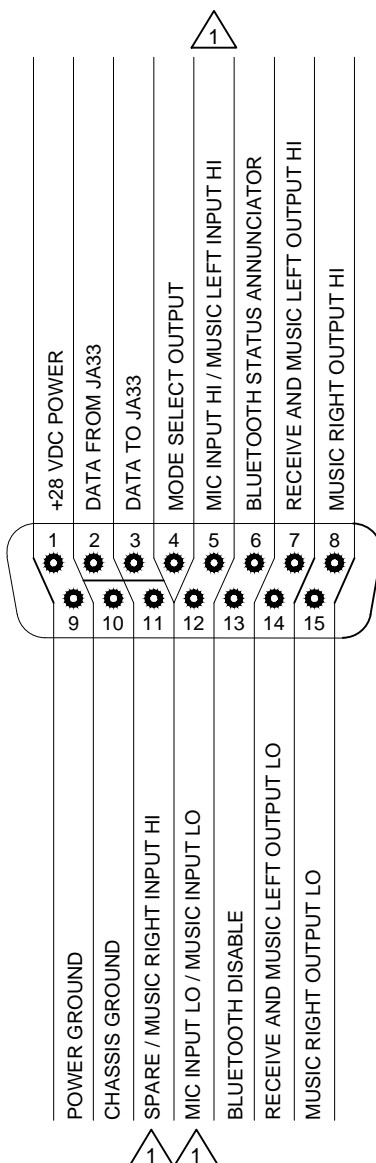








**P1**  
15 PIN FEMALE DMIN  
MATING CONNECTOR



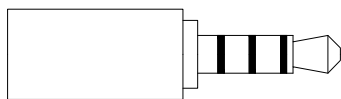
△ Configurable Contact

VIEW IS FROM REAR OF MATING CONNECTOR

### CONFIGURATION CONNECTOR

**P2**

JA99 CONFIGURATION CABLE  
4 POLE MALE 3.5MM STEREO






MATING PLUG NAMES

JA33 SIGNAL NAMES

TIP: TX DATA  
1ST RING: RX DATA  
2ND RING: GROUND  
3RD RING: MODE SELECT

CONFIG DATA TO JA33  
CONFIG DATA FROM JA33  
GROUND  
MODE SELECT

PREPARED	TAT			
CHECKED				
APPROVED		NCAGE CODE L00N3	PART NO. JA33-001	SHEET 1/1
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		DOC NO. JA33-001 Connector Map Rev B.dwg		

JA33-001 INTERCONNECT WIRING NOTES




NOTES

1. All wire size should be 24 AWG min unless otherwise specified. Unshielded wire should be selected per FAA AC43.13-1B change 1 para 11-76 TO 11-78. Wire types should be in accordance with MIL-W-22759 as described in FAA AC43.13-1B change 1 para 11-85 and 11-86 and listed in table 11-11 or 11-12. All shielded cable should be in accordance with MIL-DTL-27500 (Revision H or later).
2. Ground pin to disable Bluetooth operation.
3. Open-drain output for Bluetooth status indicator lamp.
4. Outputs are Balanced.
5. Connection to airframe ground should not exceed 3 FT (0.9 M).
6. Cable shields at the JA33-001 connector pins should be terminated to airframe ground using a tag ring P/N: MS27741-3 or equivalent.

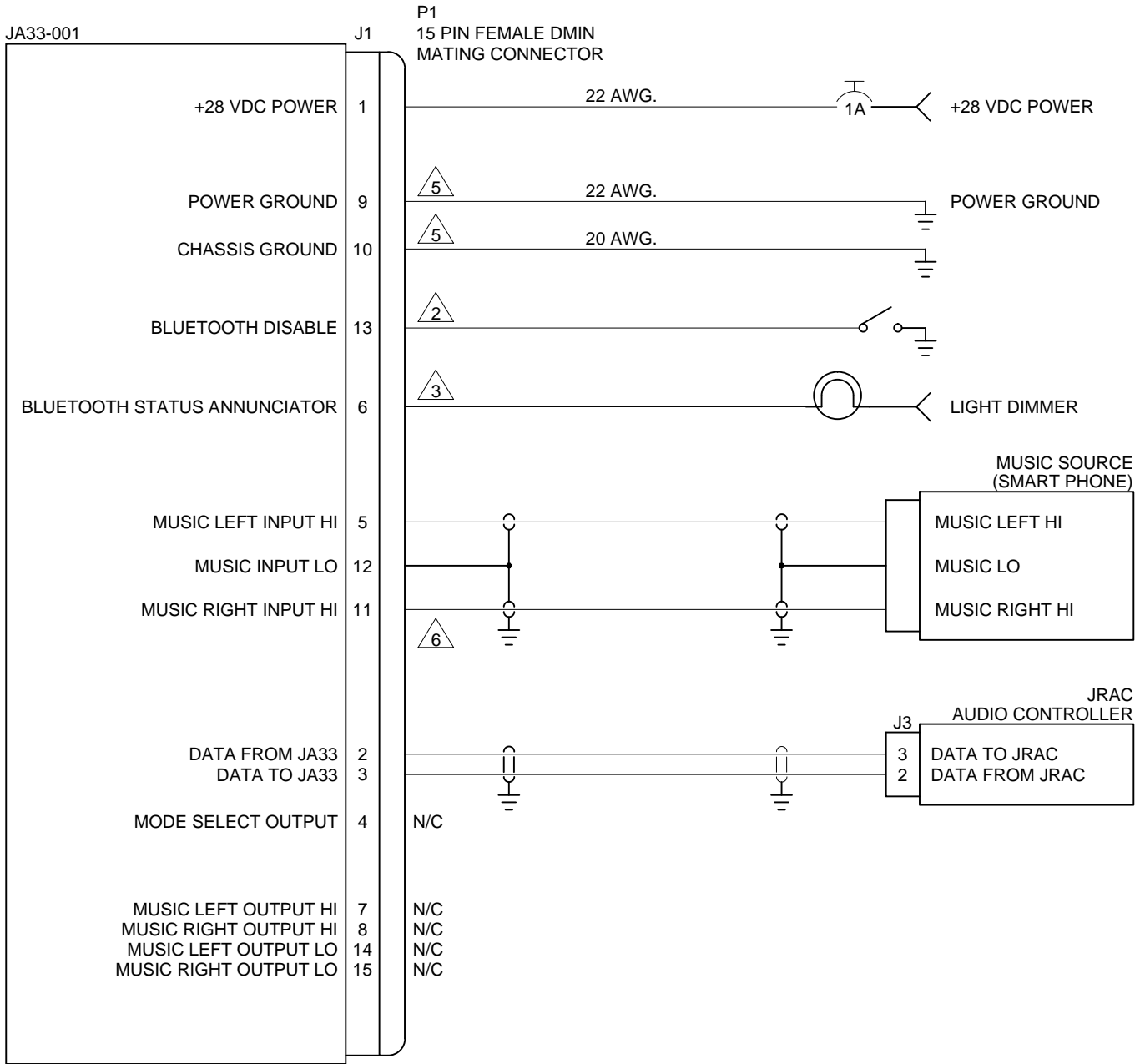
CONNECTOR PIN LEGENDS




LEGEND

N/C                      No Connection

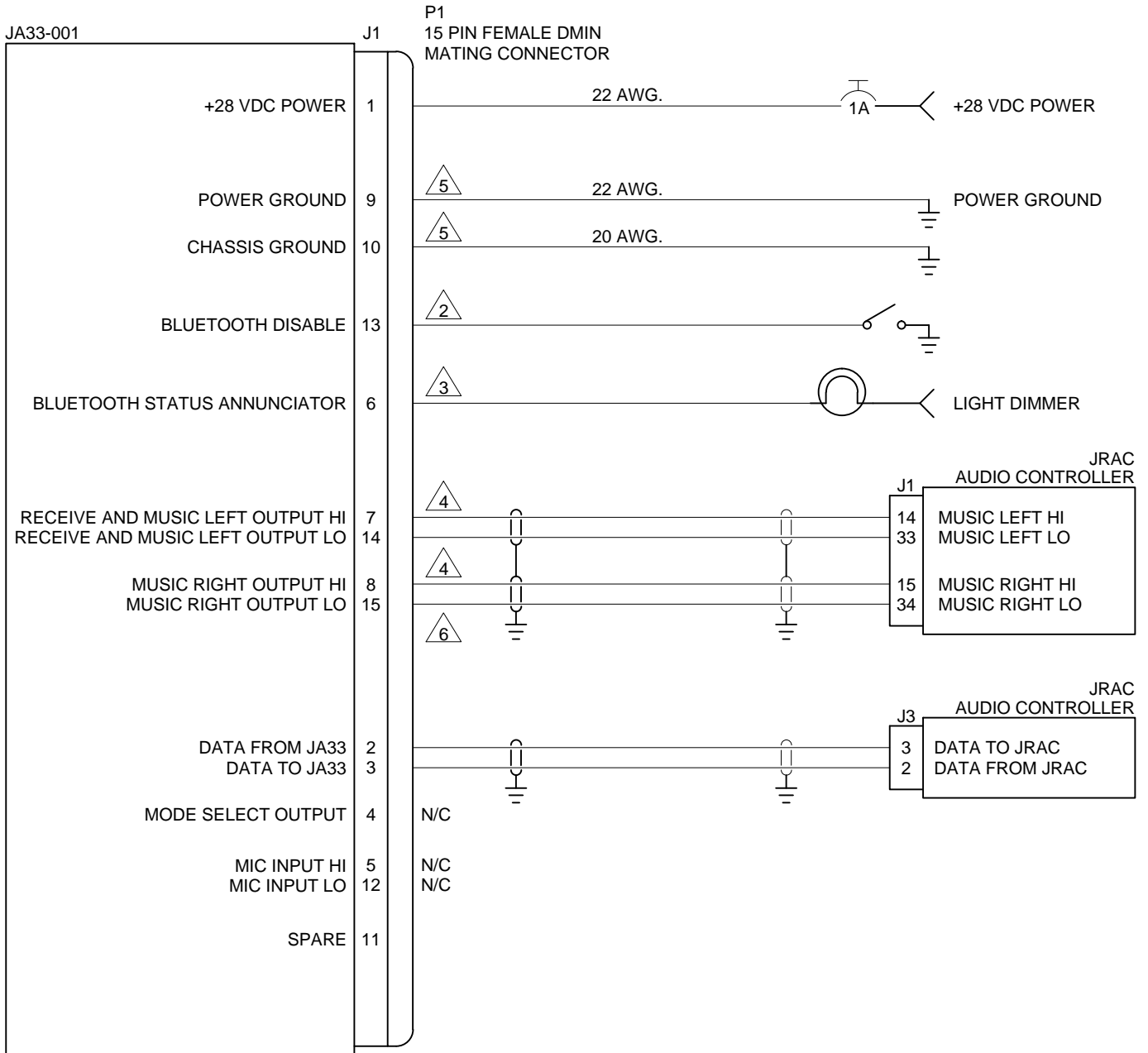
PREPARED	TAT			
CHECKED				
APPROVED		NCAGE CODE	PART NO.	SHEET
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		L00N3	JA33-001	1/6
		DOC NO.		
		JA33-001 Interconnect Rev B.dwg		

**MUSIC TRANSMITTER PROFILE**  
**OPTION: BLUETOOTH MUSIC TRANSMITTER (SOURCE) WITH SERIAL DATA**



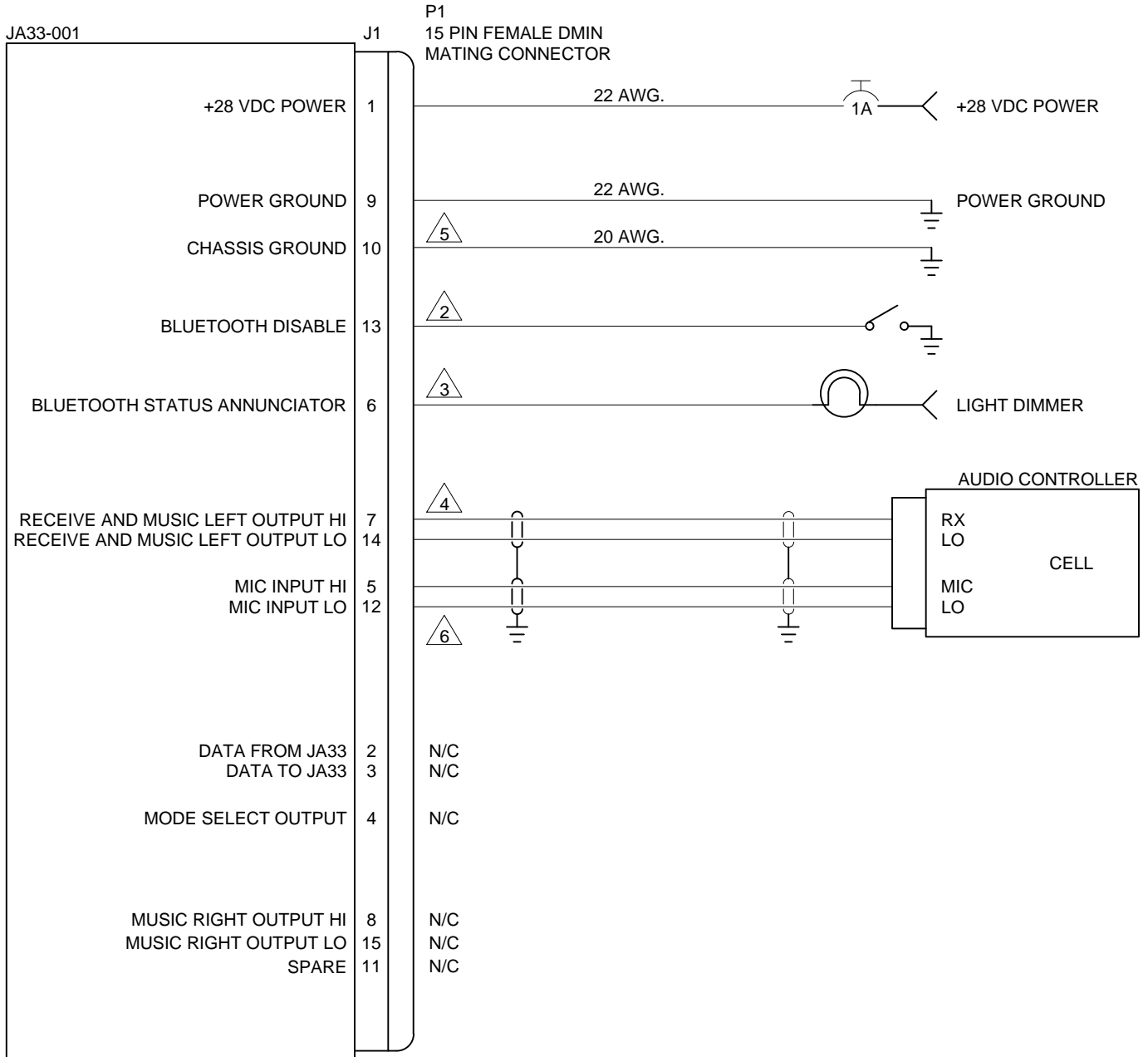
PREPARED	TAT	 <b>JUPITER AVIONICS</b> CORPORATION		
CHECKED				
APPROVED		NCAGE CODE L00N3	PART NO. JA33-001	SHEET 2/6
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		DOC NO. JA33-001 Interconnect Rev B.dwg		


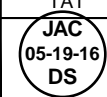
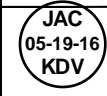
**HANDS-FREE AND MUSIC RECEIVER PROFILE**  
**OPTION: BLUETOOTH MUSIC RECEIVER (SINK) WITH SERIAL DATA**



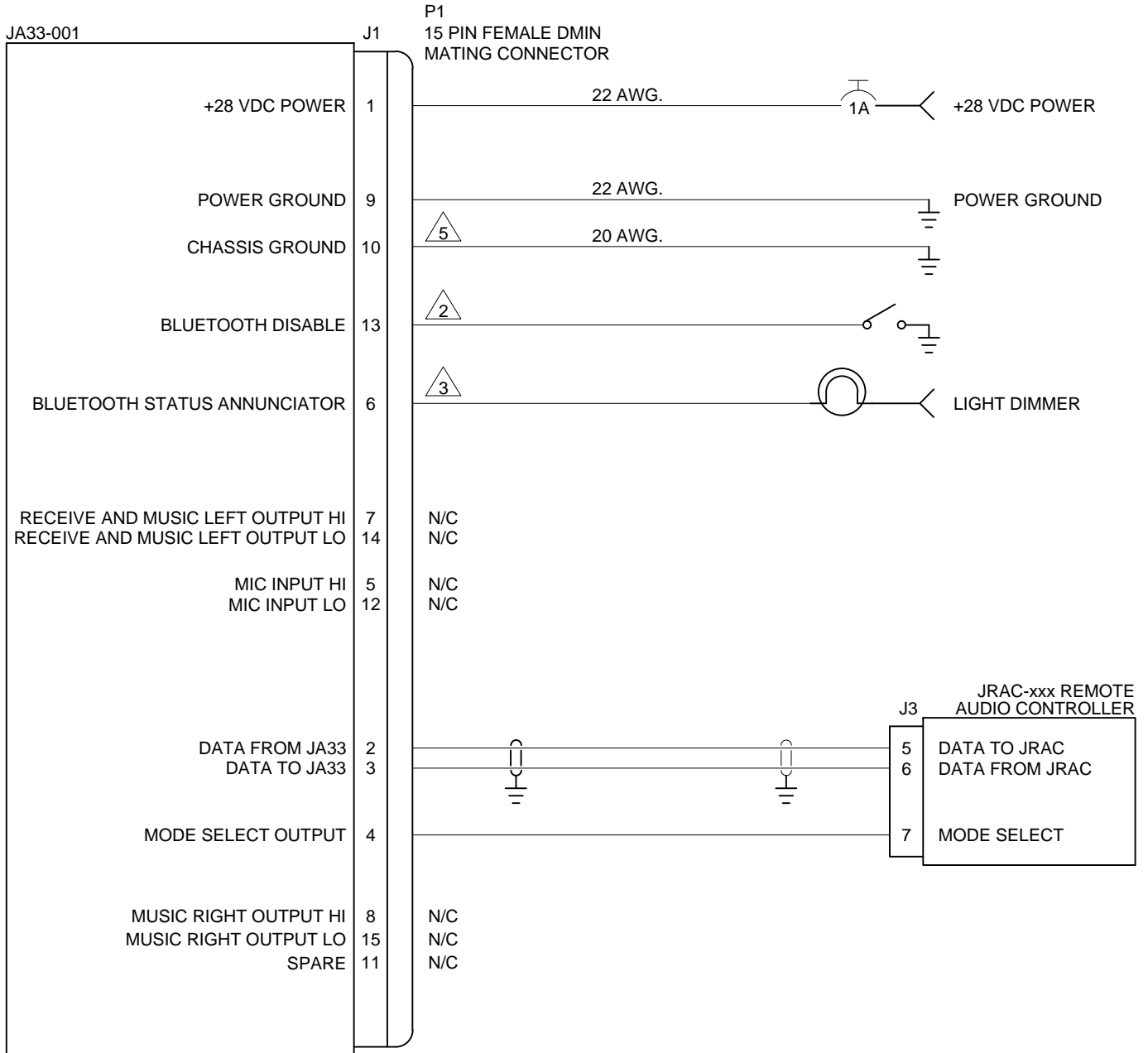
PREPARED	TAT				
CHECKED					TITLE
APPROVED		NCAGE CODE	PART NO.	SHEET	
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		L00N3	JA33-001	3/6	
		DOC NO. JA33-001 Interconnect Rev B.dwg			




**HANDS-FREE AND MUSIC RECEIVER PROFILE**  
**OPTION: CELL PHONE INTERFACE**



PREPARED	TAT			
CHECKED				
APPROVED		NCAGE CODE L00N3	PART NO. JA33-001	SHEET 4/6
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		DOC NO. JA33-001 Interconnect Rev B.dwg		

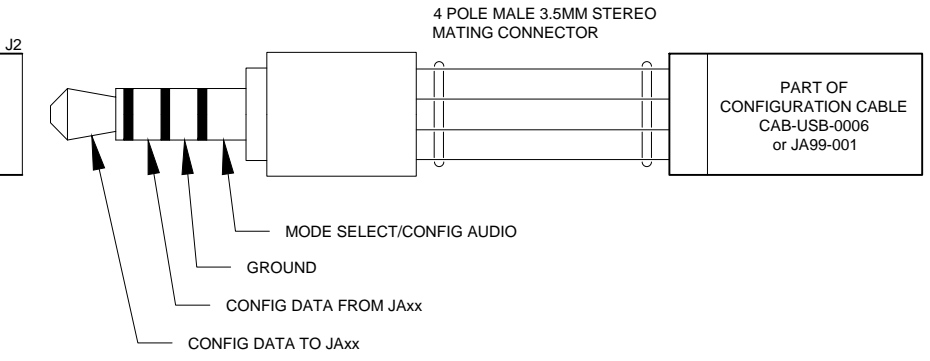
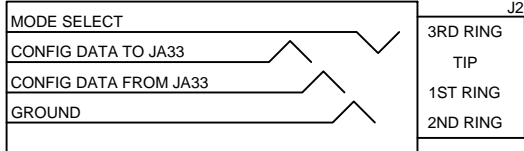
**HANDS-FREE AND MUSIC RECEIVER PROFILE**  
**OPTION: WIRELESS ProCS CONFIGURATION INTERFACE**






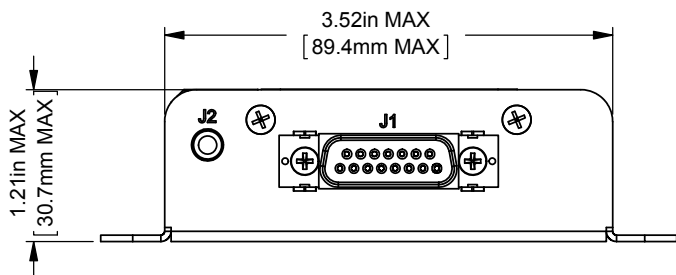
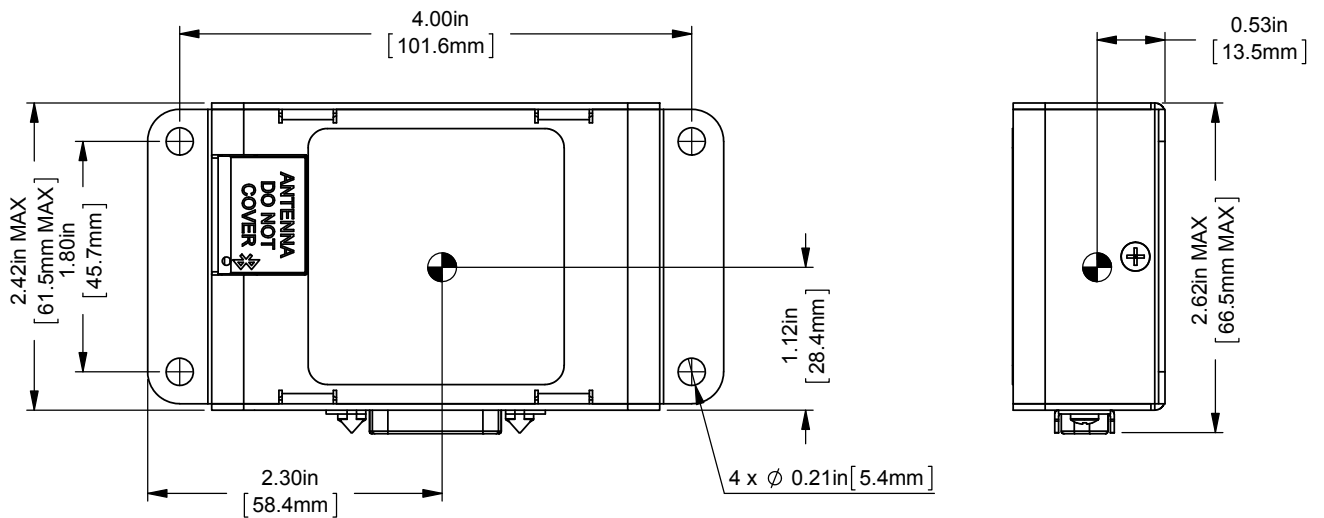
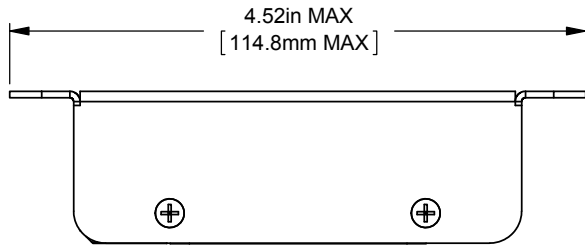
PREPARED	TAT	 <b>JUPITER AVIONICS CORPORATION</b>		
CHECKED				
APPROVED		NCAGE CODE L00N3	PART NO. JA33-001	SHEET 5/6
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		DOC NO. JA33-001 Interconnect Rev B.dwg		


CONFIGURATION CONNECTOR

JA33-001 CONFIGURATION CONNECTOR



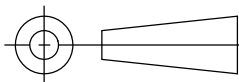
PREPARED	TAT				
CHECKED				TITLE	Bluetooth Transceiver
APPROVED		NCAGE CODE	PART NO.	SHEET 6/6	
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP.		L00N3	JA33-001		
		DOC NO. JA33-001 Interconnect Rev B.dwg			





 CENTER OF GRAVITY  
±0.03in [0.8mm]

WEIGHT: 0.31 lbs [0.14 kg] MAX.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
ANGLES ARE IN DEGREES  
TOLERANCES:  
1 DEC PLACE: ± 0.1  
2 DEC PLACE: ± 0.01  
3 DEC PLACE: ± 0.005  
ANGLES:  
± 0.5 DEG



MATERIAL: N/A  
FINISH: N/A

PREPARED	TAT
CHECKED	
APPROVED	
CONFIDENTIAL & PROPRIETARY TO JUPITER AVIONICS CORP. DRAWING NOT TO SCALE	



**JUPITER AVIONICS**  
CORPORATION

TITLE

Bluetooth Transceiver

NCAGE CODE  
L00N3

PART NO.  
JA33-001

SHEET  
1/1

DOC. NO.  
JA33-001 Mechanical Installation Rev C.SLDDRW







