

LOC	DIST	REV	DATE	BY	CHK	APPV
-	-	D	1-28-13	CT	KH	

1. THIS PLUG CONNECTOR KIT CONSIST OF THE FOLLOWING ITEMS, WHICH ARE ALSO AVAILABLE SEPARATELY.

- 1738254-1 PLUG SHELL ASSEMBLY
- 1738204-1 JACKNUT KIT, N-Z (ASSEMBLED PER TABLE)
- 1954331-1 INSERT ASSEMBLY, ARR 13PI, KEY A, INSTALLED
- 2000591-6; SIZE 12 PIN CONTACT, RT ANGLE; QTY = 2; INSTALLED
- 1996787-2; SIZE 16 PIN CONTACT, RT ANGLE; QTY = 4; INSTALLED
- 1-1954186-2; SIZE 20 PIN CONTACT, RT ANGLE LONG LEG; QTY = 4; INSTALLED
- 1-1954186-0; SIZE 20 PIN CONTACT, RT ANGLE SHORT LEG; QTY = 2; INSTALLED
- 1738712-4 SIZE 5 PIN CONTACT, RT ANGLE; QTY = 1; INSTALLED
- 1738194-1 INSERT ASSEMBLY, ARR 40, KEY B, INSTALLED
- 1996792-5; SIZE 22 POSTED SOCKET CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW D)
- 1996792-6; SIZE 22 POSTED SOCKET CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW C)
- 1996792-7; SIZE 22 POSTED SOCKET CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW B)
- 1996792-8; SIZE 22 POSTED SOCKET CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW A)
- 1738211-1 DUST COVER; QTY = 2; INSTALLED

△ SHELL ASSEMBLY MAT'L:
 SHELL: ALUMINUM ALLOY 6061 T651 PER AMS-QQ-A-250
 INSERT RETENTION CLIP: COPPER ALLOY PER ASTM B194
 PROTECTIVE COVER: ANTI-STATIC THERMOPLASTIC ELASTOMER PER ASTM D5593.

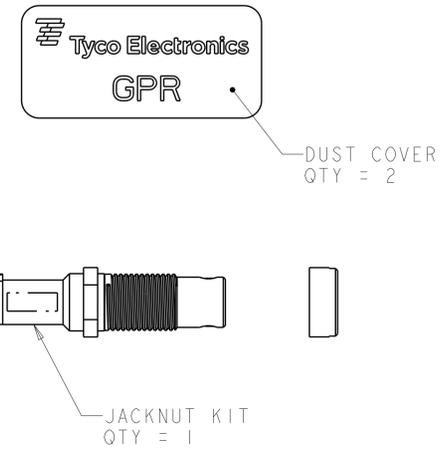
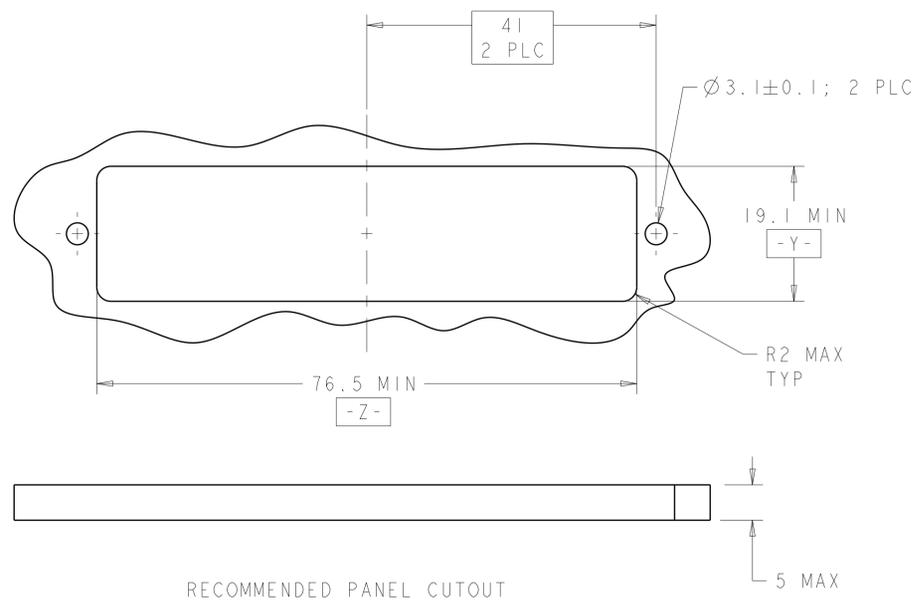
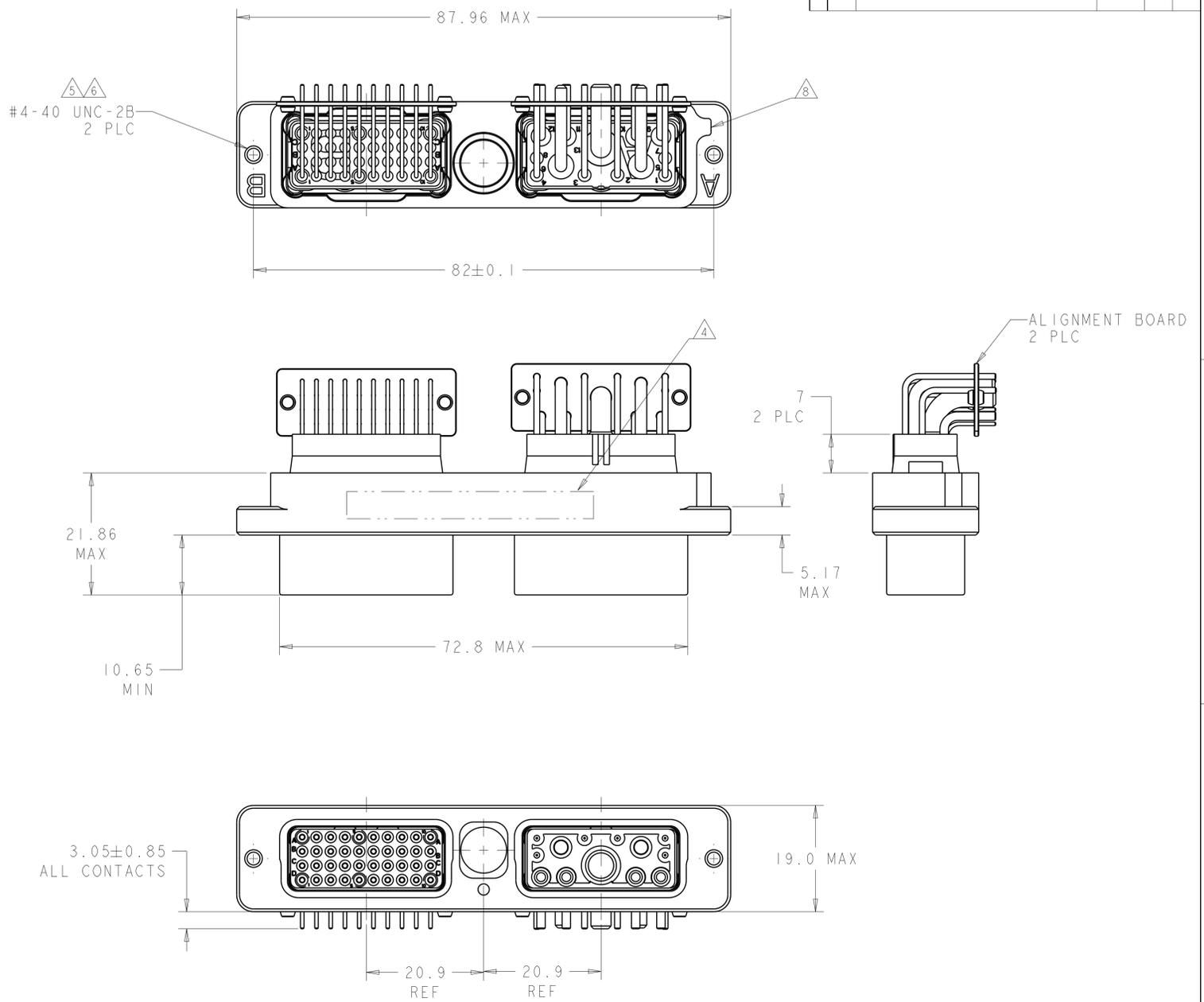
△ INSERT ASSEMBLY MAT'L:
 FRONT & REAR INSULATORS: HIGH-TEMP THERMOPLASTIC OR THERMOSET EPOXY PER ASTM D5948
 CONTACT RETENTION CLIPS: STAINLESS STEEL PER AISI 302 OR COPPER ALLOY PER ASTM B194
 INTERFACIAL SEAL & GROMMET: FLUROSILICONE ELASTOMER PER MIL-R-25988 B EXCEPT 4.6.6.1
 ALIGNMENT BOARDS: HIGH-TEMP THERMOPLASTIC

△ CONTACT MAT'L: COPPER ALLOY

△ SHELL: ELECTROLYTIC NICKEL PER SAE AMS QQ-N-290 OVER ELECTROLESS NICKEL PER SAE AMS-2404, CLASS 3.

△ CONTACT FINISH: 1.27µm MIN GOLD PER ASTM B488 OVER 2.54µm MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT

- △ TE LOGO, TE PART NO, DATE CODE - YEAR & WEEK (YY - WW) MARKED IN THIS AREA**
- △ 4-40 SCREWS ARE REQUIRED FOR PANEL MOUNTING (NOT INCLUDED).
 SCREW HEAD DIAMETER: 6mm MAX
 RECOMMENDED TORQUE: 1.1 N-m [10 lb_in] MIN**
- △ 4-40 THREADED HOLES ARE SELF-LOCKING, HAVING THE SPIRALOCK® THREAD FORM.
 SPIRALOCK® IS A REGISTERED TRADEMARK OF SPIRALOCK CORPORATION.**
- 7. THIS PRODUCT IS SOLD BY TYCO ELECTRONICS UNDER A LICENSE FROM RADIALL SA.
- △ POLARIZATION FEATURE TO PREVENT FRONT PANEL MOUNTING.**
- 9. PITCH FOR SIDE-BY-SIDE MOUNTING: 19.50mm MIN.
- 10. DUST COVERS INSTALLED BEFORE SHIPPING.
- 11. JACKNUT KIT (IF NOT ASSEMBLED) PACKAGED SEPARATELY AND SHIPPED WITH CONNECTOR.



DESCRIPTION	PART NUMBER
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "Y")	1996726-3
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "R")	1996726-2
WITH CONTACTS (INSTALLED) WITH JACK NUT N-Z (NOT INSTALLED)	1996726-1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
mm	0 PLC	±		△	△		
	1 PLC	±					
	2 PLC	±	0.2				
	3 PLC	±					
	4 PLC	±					
	5 PLC	±					
	ANGLES	±					

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: C.C. THOMAS 7-29-09		NAME: GPRB2 PLUG, 13PI/40 WITH RIGHT ANGLE CONTACTS	
CHK: K. HOGAN 7-29-09		APVD: K. HOGAN 7-29-09		SIZE: A1	
PRODUCT SPEC		APPLICATION SPEC		CAGE CODE: 1996726	
MATERIAL		WEIGHT		SCALE: 2:1	
CUSTOMER DRAWING		SHEET 1 OF 1		REV D	