

LOC	DIST	REV	DATE	BY	APP'D
-	-	E	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
- 1738203-1 JACKNUT KIT, A-F (ASSEMBLED PER TABLE)
- 1738204-1 JACKNUT KIT, N-Z (ASSEMBLED PER TABLE)
- 1954331-1 INSERT ASSEMBLY, ARR 13PI, KEY A, INSTALLED
- 1954332-1 INSERT ASSEMBLY, ARR 13PI, KEY B, INSTALLED
- 2000591-6 SIZE 12 PIN CONTACT, RT ANGLE; QTY = 4; INSTALLED
- 1996787-2 SIZE 16 PIN CONTACT, RT ANGLE; QTY = 8; INSTALLED
- 1-1954186-2 SIZE 20 PIN CONTACT, RT ANGLE LONG LEG; QTY = 8; INSTALLED
- 1-1954186-0 SIZE 20 PIN CONTACT, RT ANGLE SHORT LEG; QTY = 4; INSTALLED
- 1738712-4 SIZE 5 PIN CONTACT, RT ANGLE; QTY = 2; INSTALLED
- 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: FLUOROSILICONE 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.

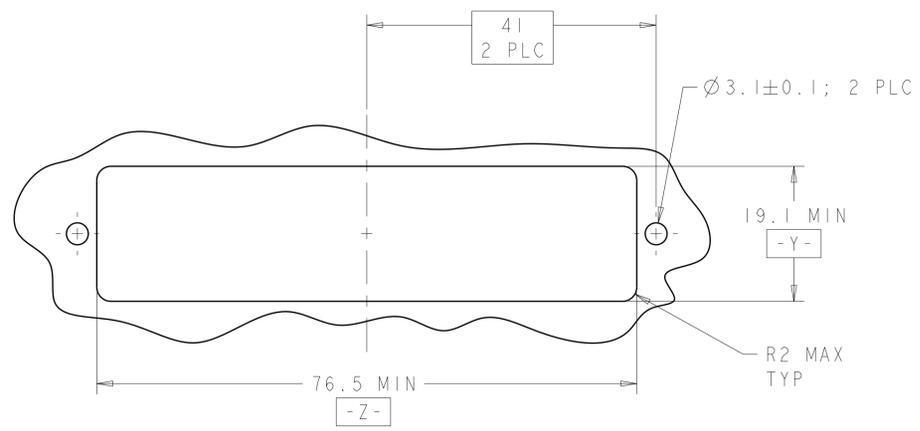
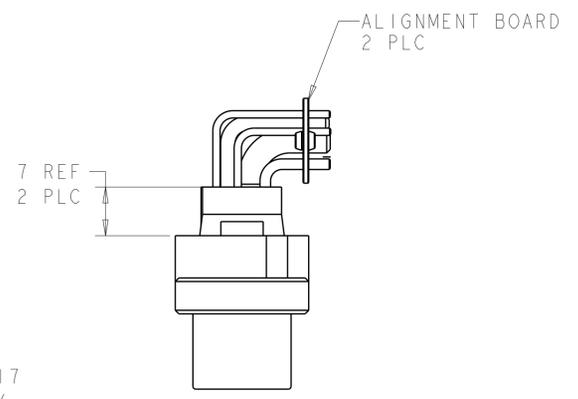
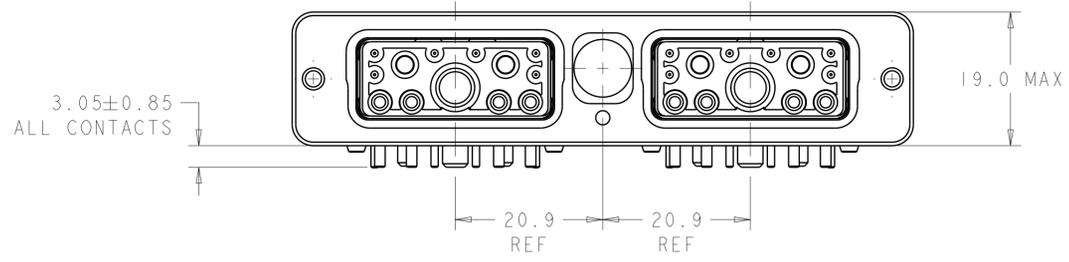
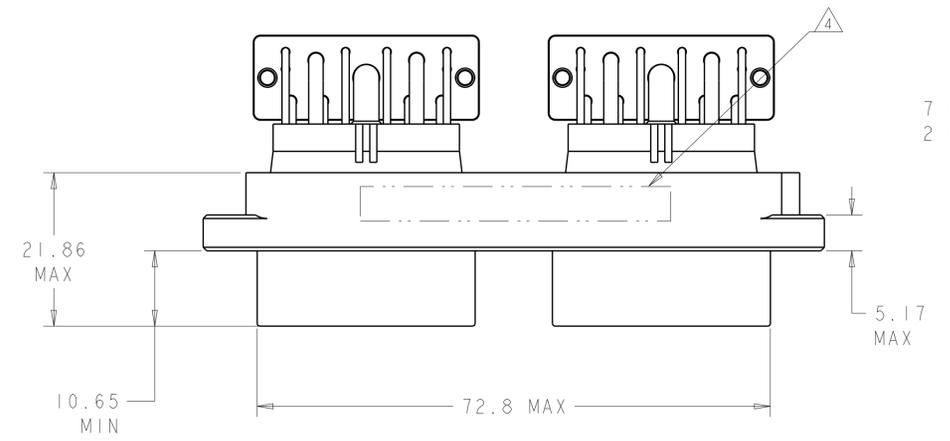
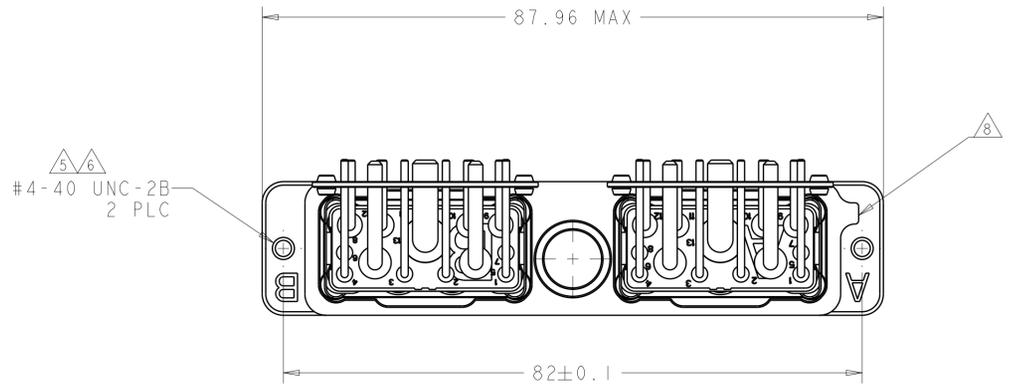
7. THIS PRODUCT IS SOLD BY TYCO ELECTRONICS UNDER A LICENSE FROM RADIAL SA.

△ POLARIZATION FEATURE TO PREVENT FRONT PANEL MOUNTING.

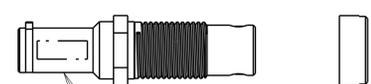
9. PITCH FOR SIDE-BY-SIDE MOUNTING: 19.50mm MIN.

10. DUST COVERS INSTALLED BEFORE SHIPPING.

11. JACKNUT KIT (IF NOT ASSEMBLED) PACKAGED SEPARATELY AND SHIPPED WITH CONNECTOR.

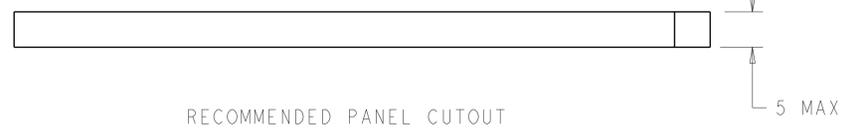


DUST COVER QTY = 2



JACKNUT KIT QTY = 1

DESCRIPTION	PART NUMBER
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "X")	1996724-6
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "N")	1996724-5
WITH CONTACTS (INSTALLED) WITH JACK NUT N-Z (NOT INSTALLED)	1996724-4
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "D")	1996724-3
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "A")	1996724-2
WITH CONTACTS (INSTALLED) WITH JACK NUT A-F (NOT INSTALLED)	1996724-1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: C.C. THOMAS 26 JUN 2009	TE Connectivity
DIMENSIONS: mm		CHK: K. HOGAN 26 JUN 2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: K. HOGAN 26 JUN 2009	NAME: GPRB2 PLUG, 13PI/13PI WITH RIGHT ANGLE CONTACTS
0 PLC ±	1 PLC ±0.2	PRODUCT SPEC	SIZE: A100779C=1996724
2 PLC ±	3 PLC ±	APPLICATION SPEC	RESTRICTED TO
4 PLC ±	ANGLES ±	WEIGHT	SCALE: 2:1 SHEET 1 OF 1 REV E
MATERIAL: △	FINISH: △	CUSTOMER DRAWING	