

I. 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)
1738186-1 INSERT ASSEMBLY, ARR 40P, KEY A, INSTALLED
I-1954122-5; SIZE 22 PIN CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW D)
I-1954122-6; SIZE 22 PIN CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW C)
I-1954122-7; SIZE 22 PIN CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW B)
I-1954122-8; SIZE 22 PIN CONTACT, RT ANGLE; QTY = 10; INSTALLED (ROW A)
1954332-1 INSERT ASSEMBLY, ARR 13PI, KEY B, INSTALLED
2000591-6; SIZE 12 PIN CONTACT, RT ANGLE; QTY = 2; INSTALLED
1996787-2; SIZE 16 PIN CONTACT, RT ANGLE; QTY = 4; INSTALLED
I-1954186-2; SIZE 20 PIN CONTACT, RT ANGLE LONG LEG; QTY = 4; INSTALLED
I-1954186-0; SIZE 20 PIN CONTACT, RT ANGLE SHORT LEG; QTY = 2; INSTALLED
1738712-4 SIZE 5 PIN CONTACT, RT ANGLE; QTY = 1; INSTALLED
1738211-1 DUST COVER; QTY = ?; INSTALLED

2 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

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

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

▲ TE LOGO, TE PART NO, DATE CODE - YEAR & WEEK (YY - WW) MARKED IN THIS AREA
▲

5 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.

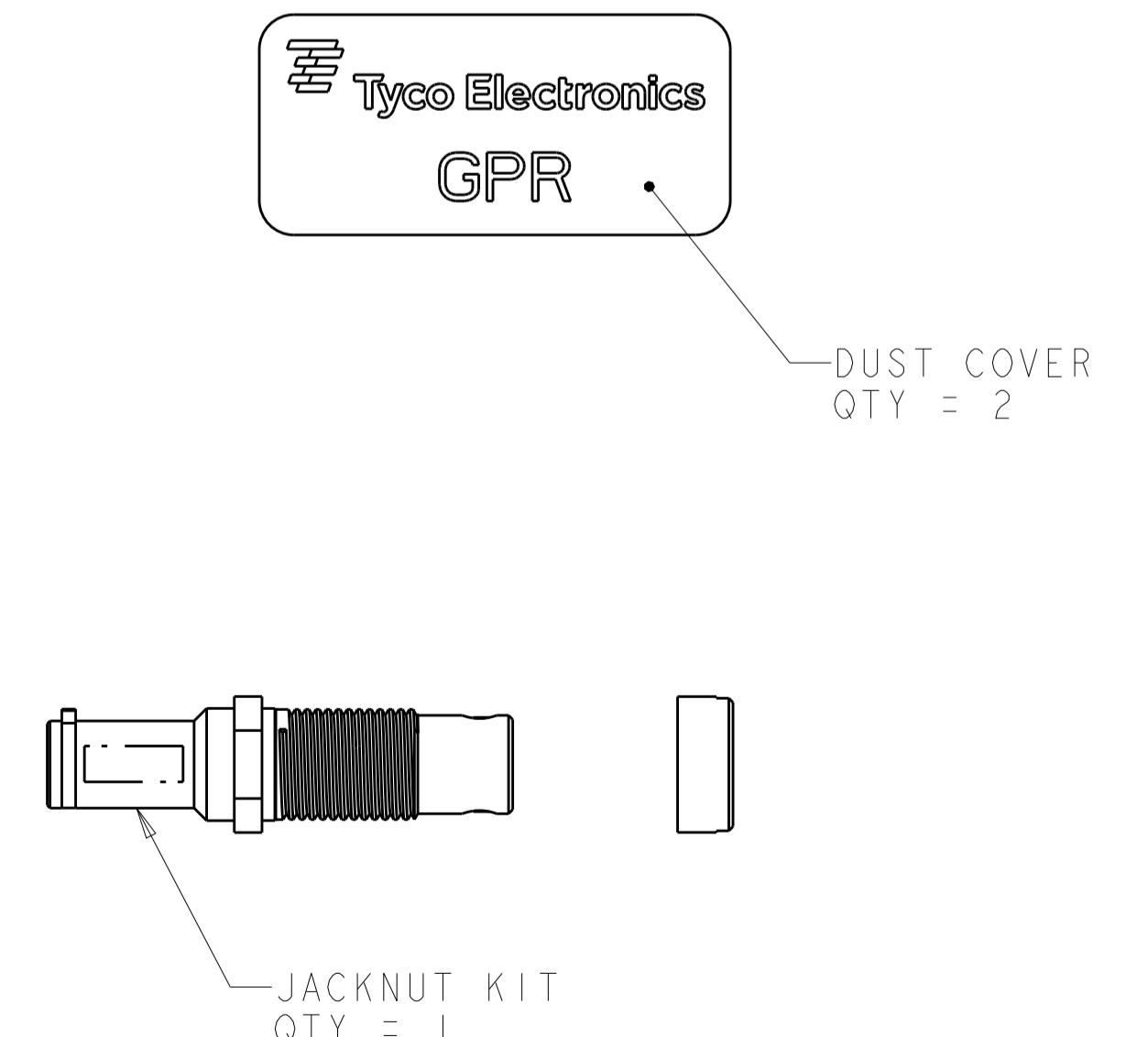
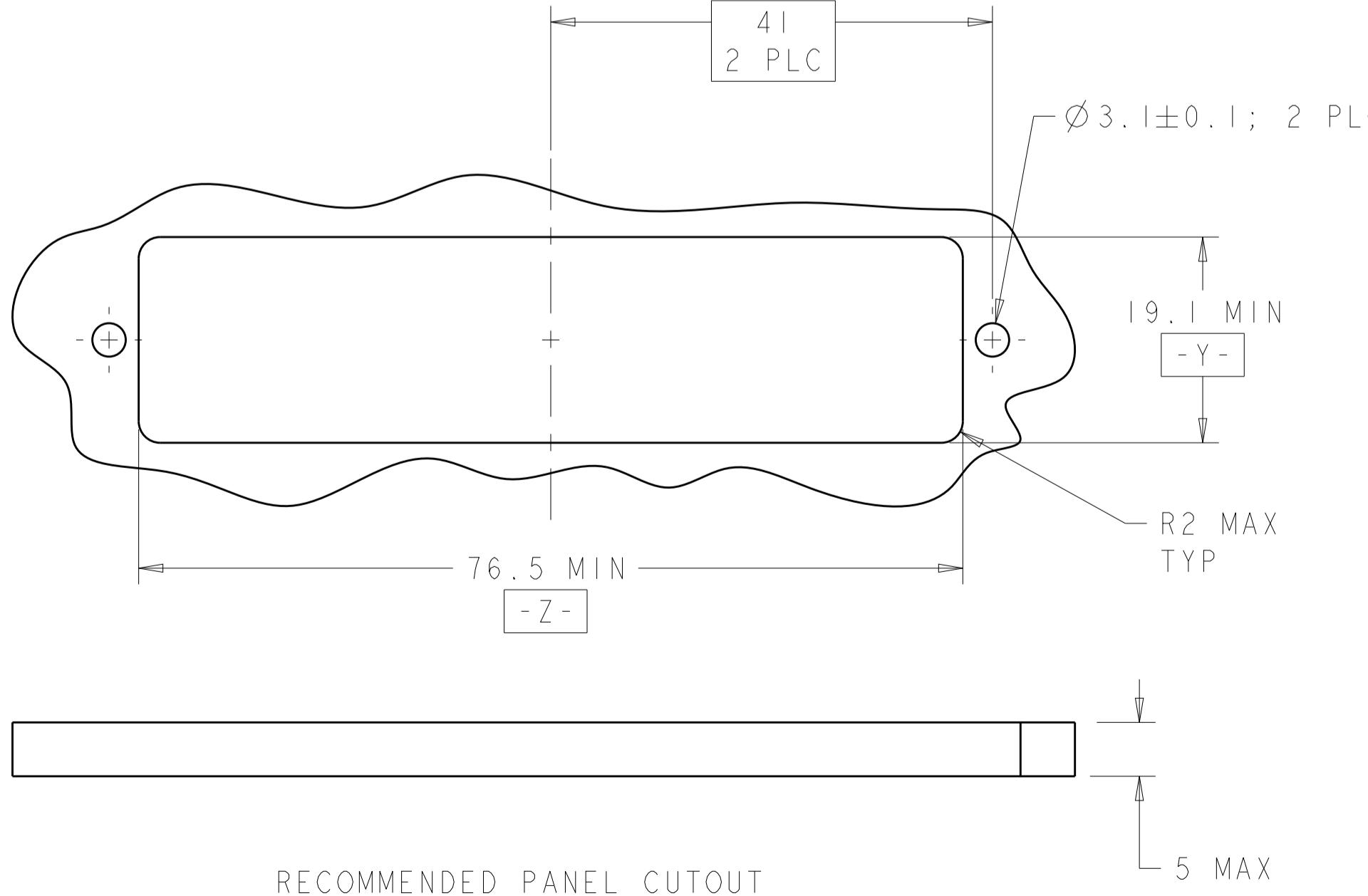
7. THIS PRODUCT IS SOLD BY TYCO ELECTRONICS UNDER A LICENSE FROM RADIALL SA

8 POLARIZATION FEATURE TO PREVENT FRONT PANEL MOUNTING

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

10. DUST COVERS INSTALLED BEFORE SHIPPING.

III. JACKNUT KIT (IF NOT ASSEMBLED) PACKAGE



DESCRIPTION	PART NUMBER
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "E")	1996725-3
WITH CONTACTS (INSTALLED) WITH JACK NUT (INSTALLED IN "B")	1996725-2
WITH CONTACTS (INSTALLED) WITH JACK NUT A-F (NOT INSTALLED)	1996725-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS CHK K.HOGAN	7-27-09 7-27-09	 TE Connectivity NAME GPRB2 PLUG, 40/13p1 WITH RIGHT ANGLE CONTACTS -						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD K.HOGAN	7-27-09							
	0 PLC	±-	PRODUCT SPEC - APPLICATION SPEC -							
	1 PLC	±-								
	2 PLC	±0.2								
	3 PLC	±-								
	4 PLC	±-								
ANGLES	±-									
MATERIAL	FINISH	WEIGHT	SIZE A 1	CAGE CODE 00779	DRAWING NO C-1996725	RESTRICTED TO				
-	-	-								
-		-								
CUSTOMER DRAWING				SCALE	2:1	SHEET	1	OF	1	REV D