

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DN
E	REV PER ECO 12-018493			1-28-13	CT	KH

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)  
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

△ 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 ELECTROLESS NICKEL PER SAE AMS-2404, CLASS 3.

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

△ 4 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

△ 6 4-40 THREADED HOLES ARE SELF-LOCKING, HAVING THE SPIRALOCK® THREAD FORM.  
SPIRALOCK® IS A REGISTERED TRADEMARK OF SPIRALOCK CORPORATION.

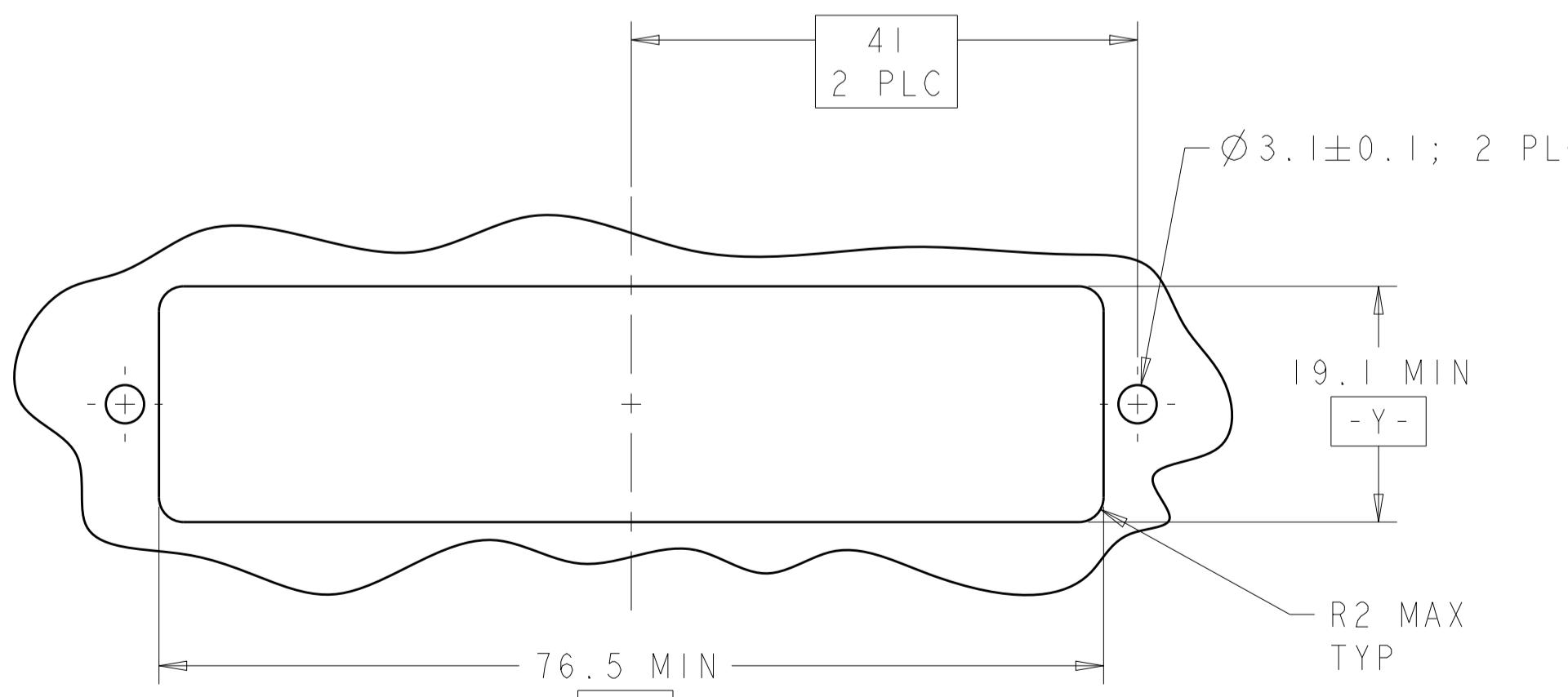
7. THIS PRODUCT IS SOLD BY TYCO ELECTRONICS UNDER A LICENSE FROM RADIALL SA.

△ 8 POLARIZATION FEATURE TO PREVENT FRONT PANEL MOUNTING.

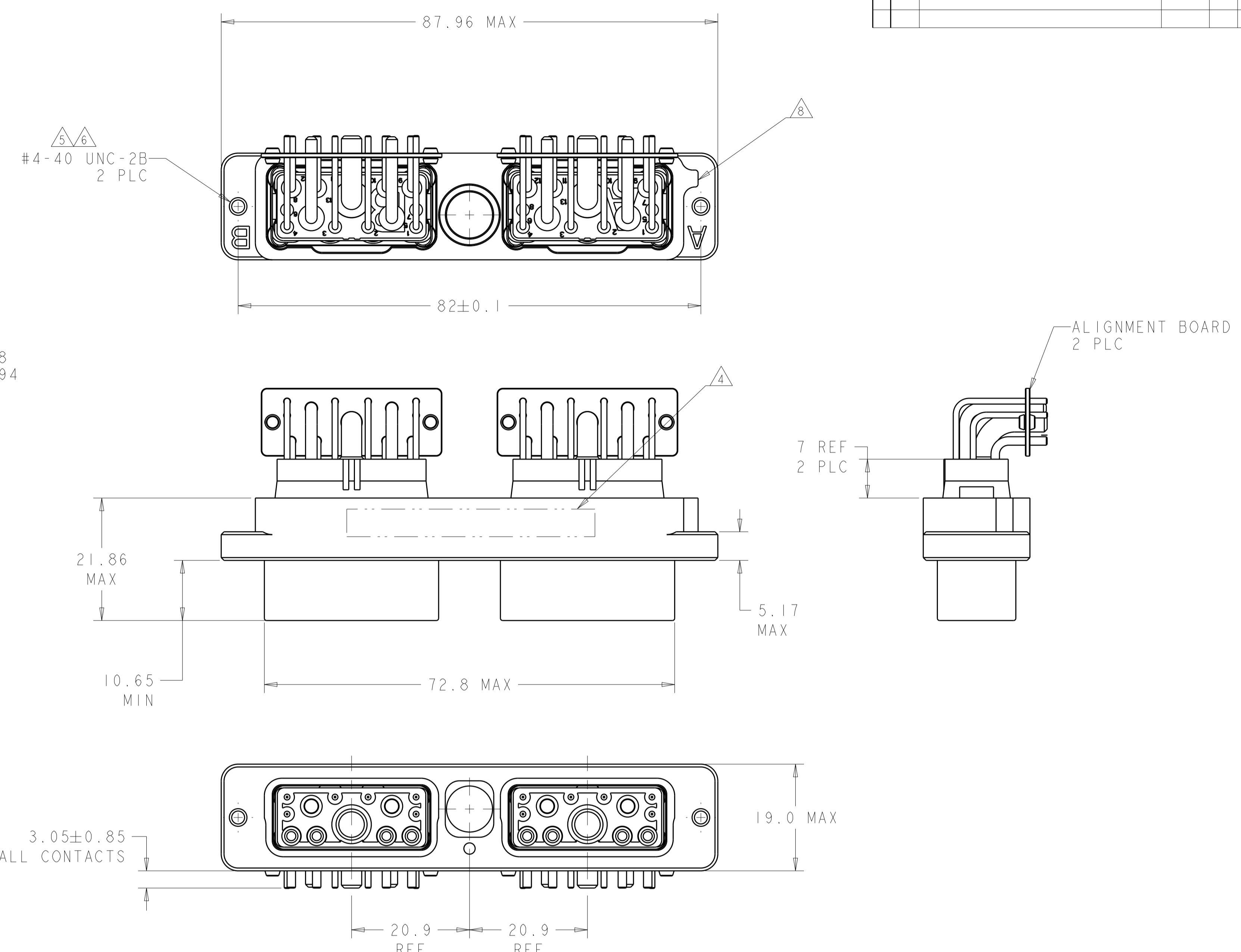
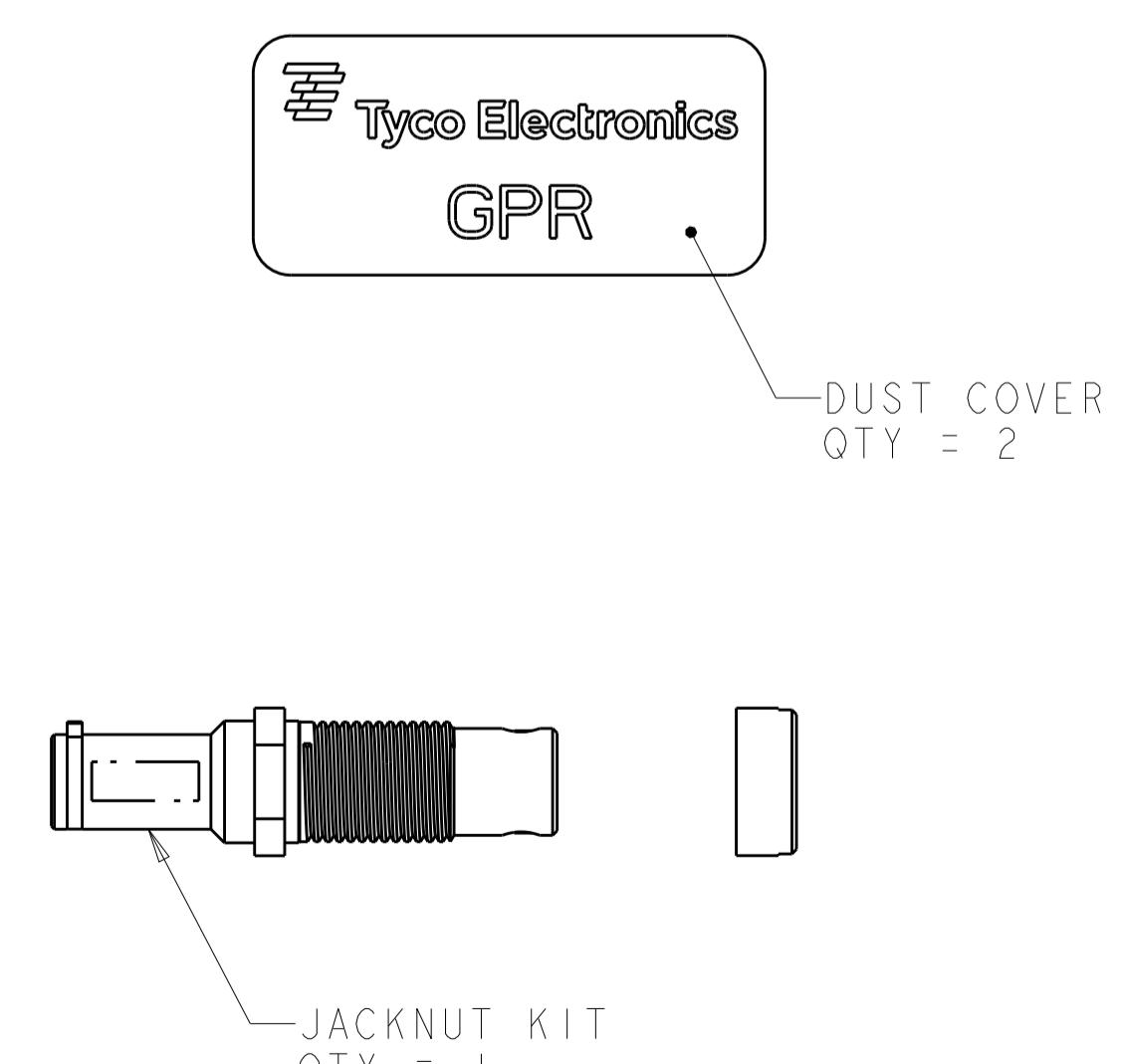
9. PITCH FOR SIDE-BY-SIDE MOUNTING: 19.50mm MIN.

10. DUST COVERS INSTALLED BEFORE SHIPPING.

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



RECOMMENDED PANEL CUTOUT



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRAWN BY C.C. THOMAS 26JUN2009		APPROVED BY K. HOGAN 26JUN2009		NAME TE Connectivity	
DIMENSIONS:	mm	0 PLC	±	1 PLC	±	2 PLC	±
MATERIAL:	2	3 PLC	±0.2	4 PLC	±	4 PLCS	±
FINISH:							
WEIGHT:							
CAGE CODE:							
DRAWING NO:							
CUSTOMER DRAWING:							
RESTRICTED TO:							
SCALE:	2:1	SHEET:	1	OF:	1	REV:	E