

REVISIONS	
P	LTR
D	REV PER ECO 14-006461
	DATE 4-30-14
	DWN CT
	APVD KH

1. THIS KIT INCLUDES: GPRB1 RECEPTACLE SHELL SUB ASSY; TE PART NO. 1738240-1 GPRBEP3SA 3P3 SOCKET INSERT; TE PART NO. 1954327-1 (INSTALLED) AND SIZE 5 CRIMP SOCKET CONTACT; TE PART NO. 1954722-1. (NOT INSTALLED)

2. MATERIALS:  
SHELL & KEY RETENTION PLATE: ALUMINUM ALLOY  
LOCKING POST: STAINLESS STEEL PER ASTM B883  
SPRING: STAINLESS STEEL PER AISI 301  
SPRING SUPPORT, LOCKING POST SUPPORT & CAPTIVE SCREW: STAINLESS STEEL PER AISI 303  
SCREW RETENTION CLIPS: STAINLESS STEEL PER AISI 304  
INSERT RETENTION CLIP: COPPER ALLOY PER ASTM B194  
POLARIZATION KEY: PEI THERMOPLASTIC PER ASTM D5205  
PROTECTIVE COVER: THERMOPLASTIC ELASTOMER

3. FINISH:  
SHELL: ELECTROLESS NICKEL PER SAE AMS-C-26074, CLASS 1.  
KEY RETENTION PLATE: ANODIZED, COLOR: CLEAR

4. TE PART NO. AND DATE CODE MARKED IN THIS AREA.

5. #4-40 CAPTIVE SCREWS ON KEY RETENTION PLATE RECOMMENDED TORQUE: 0.8 N·m.

6. #6-32 SCREWS ARE REQUIRED FOR REAR PANEL MOUNTING (NOT INCLUDED) RECOMMENDED LOCKING TORQUE: 1.6 N·m.

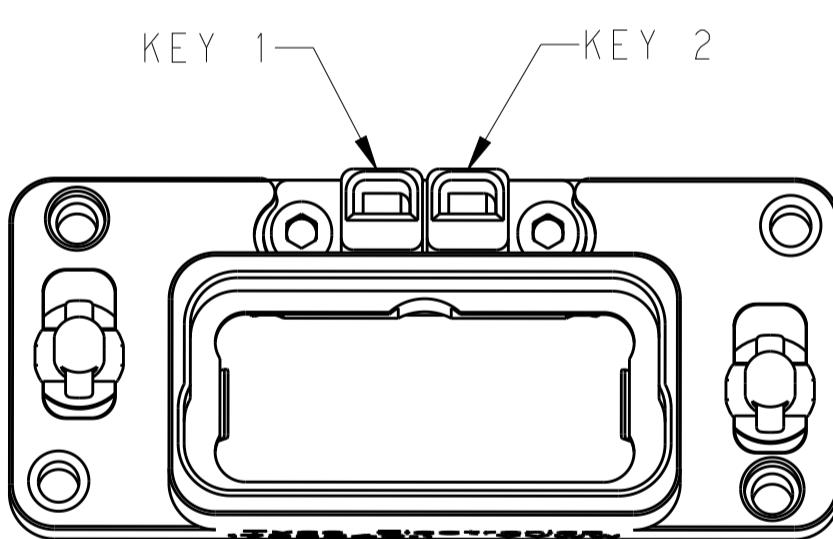
7. THREADED HOLES ARE SELF LOCKING.

8. THE POLARIZATION KEYS & RETENTION PLATE ARE SHIPPED UNASSEMBLED FOR -1.

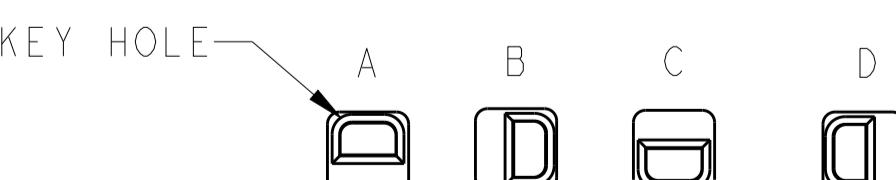
9. DATUMS ARE ESTABLISHED BY THE CUSTOMER.

10. BASIC DIMENSIONS ARE ESTABLISHED BY THE CUSTOMER.

11. THIS PRODUCT IS SOLD BY Tyco Electronics UNDER A LICENSE FROM RADIALL SA.

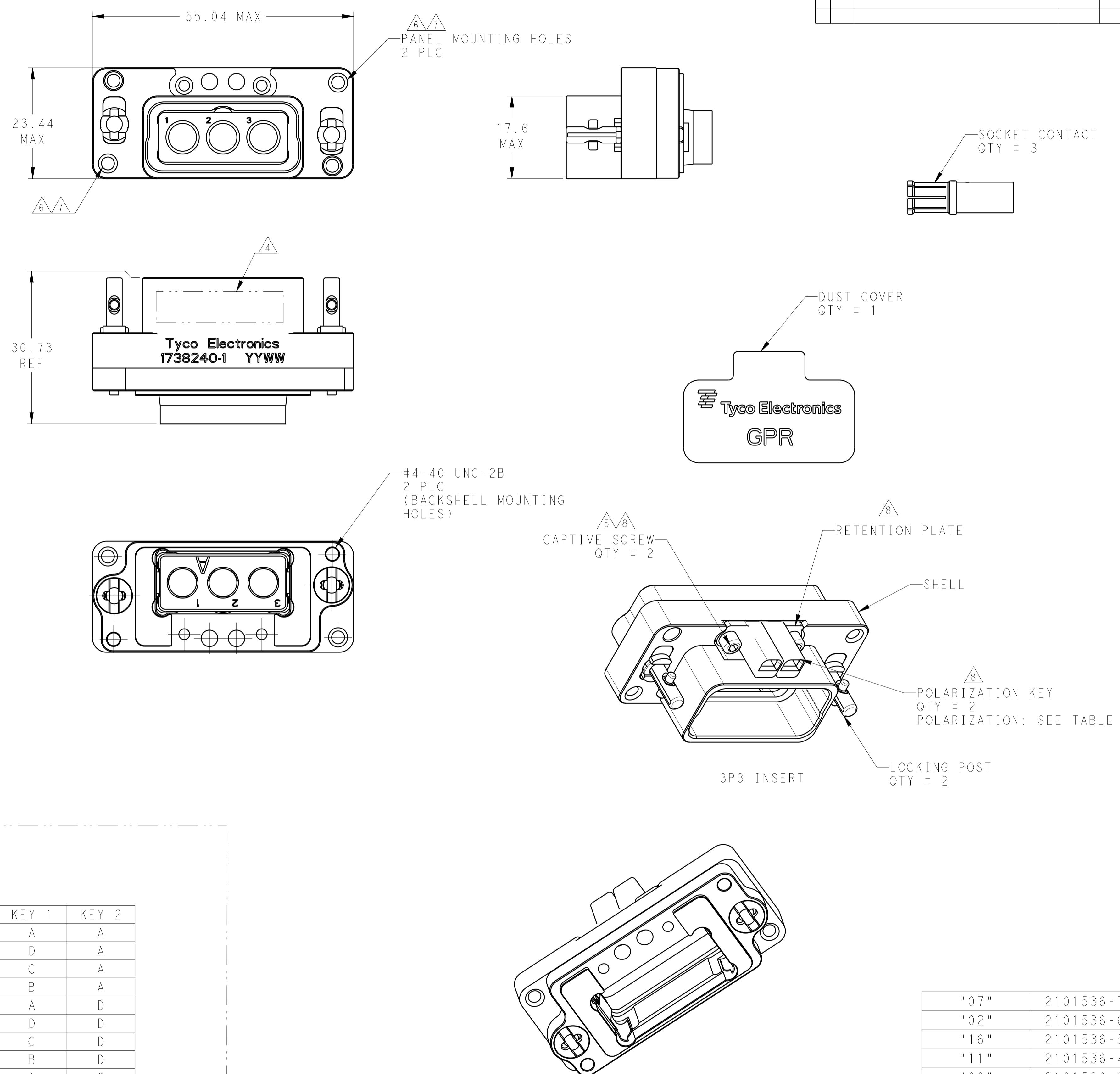


CODE NUMBER 01 SHOWN =  
POLARIZATION KEY 1 A A POLARIZATION KEY 2



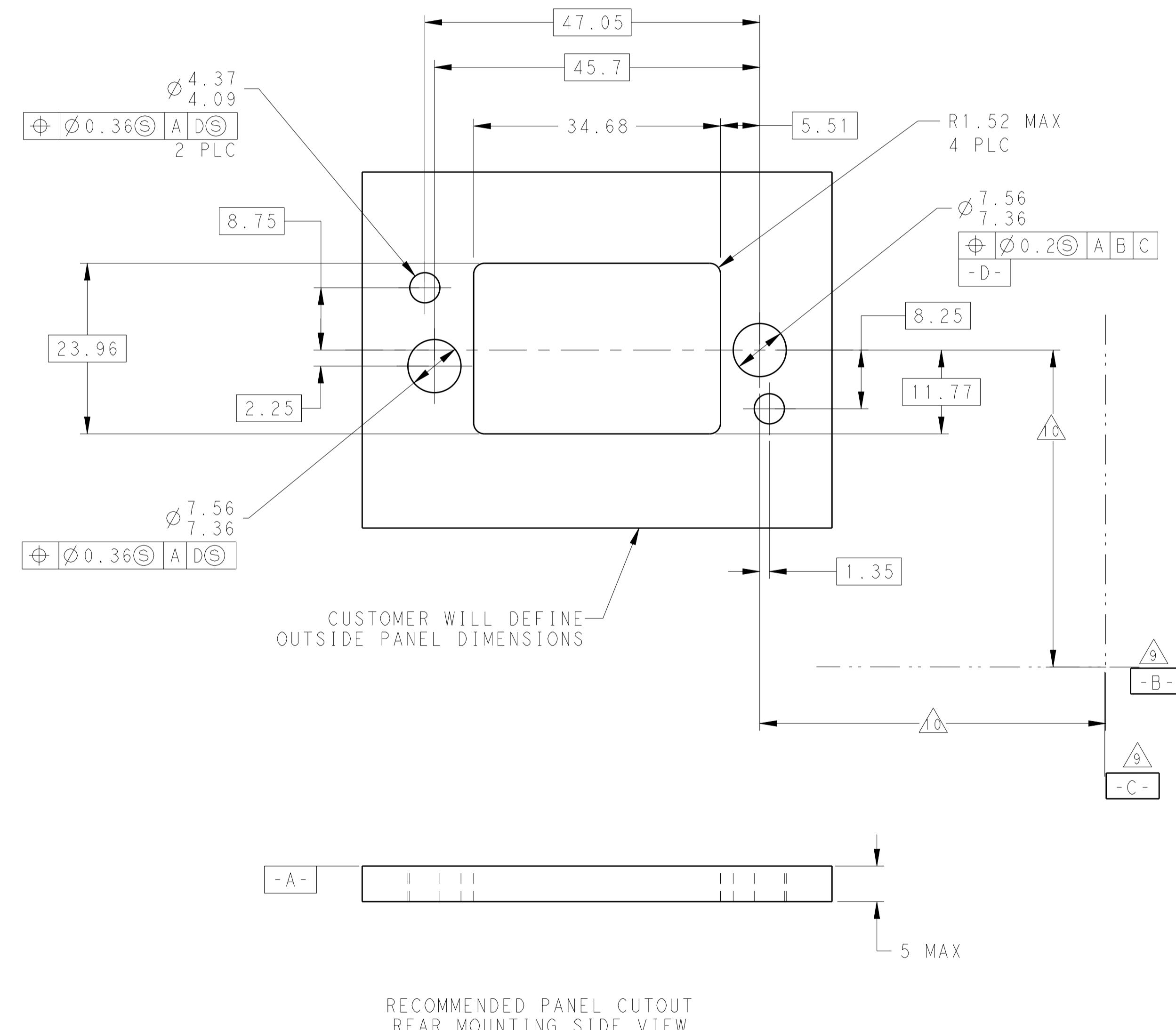
RECEPTACLE CONNECTOR POLARIZATION VIEW

CODE NUMBER	KEY 1	KEY 2
01	A	A
02	D	A
03	C	A
04	B	A
05	A	D
06	D	D
07	C	D
08	B	D
09	A	C
10	D	C
11	C	C
12	B	C
13	A	B
14	D	B
15	C	B
16	B	B



THIS DRAWING IS A CONTROLLED DOCUMENT.		DN C.C. THOMAS 11AUG2009	NAME TE Connectivity
DIMENSIONS: mm		0 PLC ±.5	APVD K. HOGAN 11AUG2009
		1 PLC ±.5	PRODUCT SPEC
		2 PLC ±.13	APPLICATION SPEC
		3 PLC ±.013	
		4 PLC ±.0001	
MATERIAL		FINISH	
		ANGLES	
		WEIGHT	
		CAGE CODE	DRAWING NO
		A 100779	2101536
		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 2:1	SHEET 1 OF 2
		REV D	

P	LTR	DESCRIPTION	DATE	DN	APVD
-		SEE SHEET 1	-	-	-



RECOMMENDED PANEL CUTOUT  
 REAR MOUNTING SIDE VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRAWN C.C. THOMAS 11AUG2009		TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHG K. HOGAN 11AUG2009	
		0 PLC	$\pm .5$	NAME GPRB1 RECEPTACLE ASSY, 3P WITH SOCKET CONTACTS	
		1 PLC	$\pm .5$	APVD K. HOGAN 11AUG2009	
		2 PLC	$\pm .13$	PRODUCT SPEC	
		3 PLC	$\pm .013$	APPLICATION SPEC	
		4 PLC	$\pm .0001$	ANGLES $\pm 1$	
MATERIAL	FINISH			WEIGHT	RESTRICTED TO
				A 100779 C=2101536	
				SCALE 2:1	REV D
				SHEET 2 OF 2	
				CUSTOMER DRAWING	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2101536-5](#)