

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

BY TYCO ELECTRONICS CORPORATION, ALL INTERNATIONAL RIGHTS RESERVED.

LOC-

DIST-

REV

LYR

DESCRIPTION

DATE

DWN

APVD

B

RELEASED

3-16-10

CT

KH

1. THIS KIT INCLUDES: GPRB1 PLUG SHELL SUB ASSY; TE PART NO. 1738236-1
GPRBEP3PA 3P3 PIN INSERT; TE PART NO. 1954321-1 (INSTALLED)
AND SIZE 5 CRIMP PIN CONTACT; TE PART NO. 1738019-1. (NOT INSTALLED)

2. MATERIALS:
SHELL & KEY RETENTION PLATE: ALUMINUM ALLOY
QUARTER-TURN FASTENER: COPPER ALLOY PER ASTM B196
CAPTIVE SCREW: STAINLESS STEEL PER AISI 303
SCREW RETENTION CLIPS: STAINLESS STEEL PER AISI 304
INSERT RETENTION CLIP, CURVED WASHER & FASTENER 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. THE POLARIZATION KEYS & RETENTION PLATE ARE SHIPPED UNASSEMBLED FOR -1.

7. THIS PRODUCT IS SOLD BY Tyco Electronics UNDER A LICENSE FROM RADIAL SA.

13.98
MAX

30.89
MAX

45.7

2.25

20.73
MAX

28.68
MAX

17.9

23.44
MAX

46

55.04 MAX

10.08
MAX

PIN CONTACT
QTY = 3

DUST COVER
QTY = 1

Tyco Electronics
GPR

KEY POST 1

KEY POST 2

CODE NUMBER 03 SHOWN: A-C

KEY POST

POLARIZATION KEY 1

POLARIZATION KEY 2

A

B

C

D

PLUG CONNECTOR POLARIZATION
SHOWN WITHOUT INSERT

#4-40 UNC-2B
2 PLC
(BACKSHELL
MOUNTING HOLES)

4

RETENTION PLATE

SHELL

POLARIZATION KEY
QTY = 2

CAPTIVE SCREW
QTY = 2

QUARTER-TURN
FASTENER
QTY = 2

3P3 INSERT

"16"
"11"
"06"
"01"
UNINSTALLED
KEYING
POSITIONS

2101537-5
2101537-4
2101537-3
2101537-2
2101537-1
PART NO

DIMENSIONS:

mm

9 PLC ±.5

3 PLC ±.13

5 PLC ±.013

4 PLC ±.0001

ANGLES ±.

FINISH -

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±.

±.5

±.13

±.013

±.0001

±.

-

DWN
K.C. THOMAS
11AUG2009

CHK
K. HOGAN
11AUG2009

APVD
K. HOGAN
11AUG2009

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME
GPRB1 PLUG ASSY, 3P3
WITH PIN CONTACTS

SIZE
A100779

CAGE CODE
C-2101537

DRAWING NO

RESTRICTED TO

SCALE
2:1

SHEET
1

OF
1

REV
B

Tyco Electronics
Harrisburg, PA 17105-3608

4805 (12/09)

Pro/ENGINEER DRAWING

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2101537-3](#)