

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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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"
2101537-5

"11"
2101537-4

"06"
2101537-3

"01"
2101537-2

UNINSTALLED
2101537-1

KEYING
POSITIONS

PART NO

DWN
K.C. THOMAS
11AUG2009

CHK
K. HOGAN
11AUG2009

APVD
K. HOGAN
11AUG2009

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

9 PLC
1 PLC
3 PLC
5 PLC
4 PLC
ANGLES
FINISH

±
±.5
±.13
±.013
±.0001
±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

SIZE
A100779

CAGE CODE
C=2101537

DRAWING NO

RESTRICTED TO

SCALE
2:1

SHEET
1

OF
1

REV
B

Tyco Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

GRPB1 PLUG ASSY, 3P3
WITH PIN CONTACTS

4805 (12/09)

Pro/ENGINEER DRAWING

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2101537-1](#)