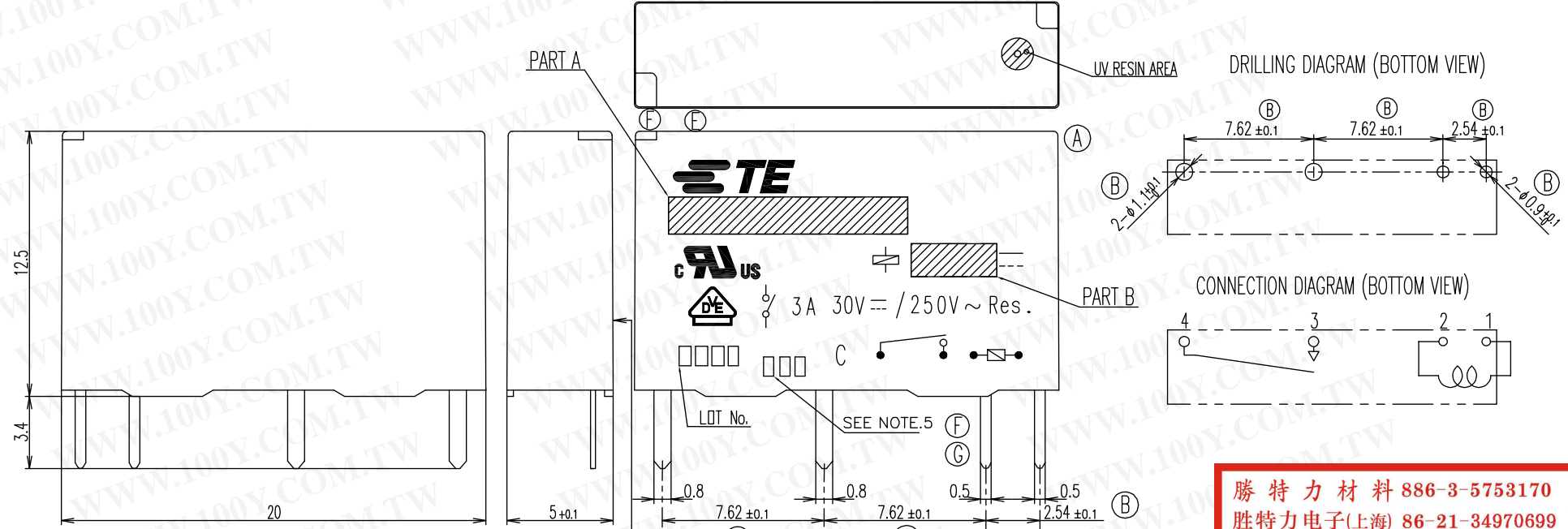


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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|--|---------------|-----------|-----------|
| HB | - | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | F | | 1.CHANGE TE LOGO and VDE LOGO, 2.ADD ONE CHARACTER DISTINGUISH THE LINE IDENTITY;3. MARKING PRINT FROM INK CHANGE TO LASER | ECO-12-005736 | 25-APR-12 | FS.H BH.Y |
| | | G | | ADD NEW LOT NO.SYSTEM | ECO-12-014659 | 20-AUG-12 | FS.H BH.Y |



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1.TERMINAL DIMENSION IS AFTER SOLDER DIP
 2. LOT NO.SYSTEM AS FOLLOWING;
 0 2 0 1 I ...2 DIGITS FOR THE CHRISTIAN YEAR
 I II 2007....07 2010....10
 2008....08 2011....11
 2009....09 20xx....xx
 II ...2 DIGITS FOR WEEK MANUFACTURED AS
 03.... 3 WEEKS IN 1 YEAR
 04.... 4 WEEKS IN 1 YEAR
 xx.... xx WEEKS IN 1 YEAR

Ⓒ 3.MARKING FROM INK CHANGE TO LASER
 Ⓓ 4.ONE CHARACTER DISTINGUISH THE LINE IDENTITY, SUCH AS: A, B...
 Ⓔ 5.ADD LOT NO. SYSTEM AS FOLLOWING;

| | | | |
|---|----|-----|---|
| I | II | III | |
| 1 | 2 | 3 | I, DIGITS FOR DAY OF THE WEEK |
| | | | 1...MONDAY IN THIS WEEK; |
| | | | 2...TUESDAY IN THIS WEEK; |
| | | | |
| | | | 7...SUNDAY IN THIS WEEK |
| | | | II, DIGITS FOR SHIFT OF THE DAY |
| | | | 1...DAY SHIFT IN THIS DAY; |
| | | | 2...NIGHT SHIFT IN THIS DAY; |
| | | | III, ONE CHARACTER DISTINGUISH THE LINE |
| | | | IDENTITY, SUCH AS: A,B,.....Z |

| Diagram dimension | Tolerance |
|-------------------|-----------|
| 0.99mm max | ±0.1mm |
| 1 - 2.99mm | ±0.2mm |
| 3mm min | ±0.3mm |

| | | | | | |
|--|--|--------------------|--|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.MOCHIZUKI | | TE TE Connectivity | |
| DIMENSIONS: mm | | CHK Y.OKAMOTO | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD A.NAGAI | | NAME | |
| 0 PLC ± - | | PRODUCT SPEC | | PCN-D3M** CUSTOMER DRAWING | |
| 1 PLC ± - | | APPLICATION SPEC | | SIZE | |
| 2 PLC ± - | | WEIGHT | | CAGE CODE | |
| 3 PLC ± - | | CUSTOMER DRAWING | | DRAWING NO | |
| 4 PLC ± - | | SCALE 5:1 | | SHEET 1 OF 3 | |
| ANGLES ± - | | REV G | | RESTRICTED TO | |
| FINISH | | A300779 | | C=1461491 | |

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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| HB | - | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | | SEE SHEET 1 | - | - | - |

D

| PART B | PART A | DESCRIPTION | TE PART NO | PACKING SPECIFICATION | PRODUCT SPEC | DISCRPTION | No. | |
|-----------|--------|--------------|------------------|-----------------------|------------------|---|-----|-----------|
| (C4) (B3) | 24V | PCN-124D3MHZ | PCN-124D3MHZ,001 | 3-1461491-8 | 107-79039 (TUBE) | REINFORCED INSURATION WASHABLE TYPE | d | |
| (C4) (B3) | 4.5V | PCN-104D3MHZ | PCN-104D3MHZ,001 | 3-1461491-7 | 107-79039 (TUBE) | | | |
| | 24V | PCN-124D3MHZ | PCN-124D3MHZ | 3-1461491-6 | 107-79039 (TUBE) | | | 108-79629 |
| | 23.5V | PCN-123D3MHZ | PCN-123D3MHZ | 3-1461491-5 | 107-79039 (TUBE) | | | 108-79628 |
| | 18V | PCN-118D3MHZ | PCN-118D3MHZ | 3-1461491-4 | 107-79039 (TUBE) | | | 108-79627 |
| | 12V | PCN-112D3MHZ | PCN-112D3MHZ | 3-1461491-3 | 107-79039 (TUBE) | | | 108-79626 |
| | 9V | PCN-109D3MHZ | PCN-109D3MHZ | 3-1461491-2 | 107-79039 (TUBE) | | | 108-79625 |
| | 6V | PCN-106D3MHZ | PCN-106D3MHZ | 3-1461491-1 | 107-79039 (TUBE) | | | 108-79624 |
| | 5V | PCN-105D3MHZ | PCN-105D3MHZ | 3-1461491-0 | 107-79039 (TUBE) | | | 108-79623 |
| | 4.5V | PCN-104D3MHZ | PCN-104D3MHZ | 2-1461491-9 | 107-79039 (TUBE) | | | 108-79622 |
| | 3V | PCN-103D3MHZ | PCN-103D3MHZ | 2-1461491-8 | 107-79039 (TUBE) | 108-79621 | | |
| | 24V | PCN-124D3MZ | PCN-124D3MZ | 2-1461491-7 | 107-79039 (TUBE) | 108-79620 | | |
| | 23.5V | PCN-123D3MZ | PCN-123D3MZ | 2-1461491-6 | 107-79039 (TUBE) | 108-79619 | | |
| | 18V | PCN-118D3MZ | PCN-118D3MZ | 2-1461491-5 | 107-79039 (TUBE) | 108-79618 | | |
| | 12V | PCN-112D3MZ | PCN-112D3MZ | 2-1461491-4 | 107-79039 (TUBE) | 108-79617 | | |
| | 9V | PCN-109D3MZ | PCN-109D3MZ | 2-1461491-3 | 107-79039 (TUBE) | 108-79616 | | |
| | 6V | PCN-106D3MZ | PCN-106D3MZ | 2-1461491-2 | 107-79039 (TUBE) | 108-79615 | | |
| | 5V | PCN-105D3MZ | PCN-105D3MZ | 2-1461491-1 | 107-79039 (TUBE) | 108-79614 | | |
| | 4.5V | PCN-104D3MZ | PCN-104D3MZ | 2-1461491-0 | 107-79039 (TUBE) | 108-79613 | | |
| | 3V | PCN-103D3MZ | PCN-103D3MZ | 1-1461491-9 | 107-79039 (TUBE) | 108-79612 | | |
| | | | | | | REINFORCED INSURATION PLASTIC SEALED TYPE | c | |

| | | | | | | | |
|-------|-------------|-------------|-------------|------------------|-----------|---|---|
| 24V | PCN-124D3MH | PCN-124D3MH | 1-1461491-8 | 107-79039 (TUBE) | 108-79611 | STANDARD INSURATION WASHABLE TYPE | b |
| 23.5V | PCN-123D3MH | PCN-123D3MH | 1-1461491-7 | 107-79039 (TUBE) | 108-79610 | | |
| 18V | PCN-118D3MH | PCN-118D3MH | 1-1461491-6 | 107-79039 (TUBE) | 108-79609 | | |
| 12V | PCN-112D3MH | PCN-112D3MH | 1-1461491-5 | 107-79039 (TUBE) | 108-79608 | | |
| 9V | PCN-109D3MH | PCN-109D3MH | 1-1461491-4 | 107-79039 (TUBE) | 108-79607 | | |
| 6V | PCN-106D3MH | PCN-106D3MH | 1-1461491-3 | 107-79039 (TUBE) | 108-79606 | | |
| 5V | PCN-105D3MH | PCN-105D3MH | 1-1461491-2 | 107-79039 (TUBE) | 108-79605 | | |
| 4.5V | PCN-104D3MH | PCN-104D3MH | 1-1461491-1 | 107-79039 (TUBE) | 108-79604 | | |
| 3V | PCN-103D3MH | PCN-103D3MH | 1-1461491-0 | 107-79039 (TUBE) | 108-79603 | | |
| 24V | PCN-124D3M | PCN-124D3M | 1461491-9 | 107-79039 (TUBE) | 108-79602 | | |
| 23.5V | PCN-123D3M | PCN-123D3M | 1461491-8 | 107-79039 (TUBE) | 108-79601 | STANDARD INSURATION PLASTIC SEALED TYPE | a |
| 18V | PCN-118D3M | PCN-118D3M | 1461491-7 | 107-79039 (TUBE) | 108-79600 | | |
| 12V | PCN-112D3M | PCN-112D3M | 1461491-6 | 107-79039 (TUBE) | 108-79599 | | |
| 9V | PCN-109D3M | PCN-109D3M | 1461491-5 | 107-79039 (TUBE) | 108-79598 | | |
| 6V | PCN-106D3M | PCN-106D3M | 1461491-4 | 107-79039 (TUBE) | 108-79597 | | |
| 5V | PCN-105D3M | PCN-105D3M | 1461491-3 | 107-79039 (TUBE) | 108-79596 | | |
| 4.5V | PCN-104D3M | PCN-104D3M | 1461491-2 | 107-79039 (TUBE) | 108-79595 | | |
| 3V | PCN-103D3M | PCN-103D3M | 1461491-1 | 107-79039 (TUBE) | 108-79594 | | |
| | | | | | | | |
| | | | | | | | |

C



B

A

| | |
|--------|---------------------|
| (D) 15 | UV RESIN |
| 14 | CASE (NATURAL) |
| 14 | CASE (BLACK) |
| 13 | EPOXY |
| 12 | MAGNETIC WIRE |
| (D) 11 | CARD (NATURAL) |
| 11 | CARD (BLACK) |
| 10 | ARMATURE |
| 9 | STATIONARY CONTACT |
| 8 | STATIONARY TERMINAL |
| 7 | MOVABLE CONTACT |
| 6 | MOVABLE TERMINAL |
| (D) 5 | BASE (NATURAL) |
| 5 | BASE (BLACK) |
| 4 | CORE |
| 3 | COIL TERMINAL B |
| 2 | COIL TERMINAL A |
| (D) 1 | BOBBIN (BLACK ONLY) |
| TEM | DESCRIPTION |

PARTS LIST

(B) MOLD COLOR
 NATURAL: REINFORCED INSURATION MODEL
 強化絶縁品 (IEC1131-2 Conformed)
 BLACK: BASIC INSURATION MODEL
 基礎絶縁品 (IEC1131-2 Conformed)

| | | | | |
|---|--|---------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M. MOCHIZUKI |  TE Connectivity | |
| DIMENSIONS: mm | | CHK Y. OKAMOTO | | |
|  | | APVD A. NAGAI | NAME PCN-D3M** CUSTOMER DRAWING | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | DRAWING NO C=1461491 | |
| MATERIAL | | APPLICATION SPEC | SIZE A3 | CAGE CODE 00779 |
| FINISH | | WEIGHT | DRAWING NO C=1461491 | RESTRICTED TO |
| CUSTOMER DRAWING | | | SCALE 5:1 | SHEET 2 of 3 |
| | | | REV G | |

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| | | | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| LOC | DIST | REVISIONS | | | | | |
| HB | - | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | | SEE SHEET 1 | - | - | - |

D

| | | | | | | | | | | | | |
|-----------|--------|--------------|------------------|-------------|-----------------------|--------------|------------|-----|--|--|--|--|
| (C4) (B3) | 24V | PCN-124D3MHZ | PCN-124D3MHZ.001 | 7-1461491-6 | 107-79043 (TRAY) | | | | | | | |
| (C4) (B3) | 4.5V | PCN-104D3MHZ | PCN-104D3MHZ.001 | 7-1461491-5 | 107-79043 (TRAY) | | | | | | | |
| | 24V | PCN-124D3MHZ | PCN-124D3MHZ | 7-1461491-4 | 107-79043 (TRAY) | 108-79629 | | | | | | |
| | 23.5V | PCN-123D3MHZ | PCN-123D3MHZ | 7-1461491-3 | 107-79043 (TRAY) | 108-79628 | | | | | | |
| | 18V | PCN-118D3MHZ | PCN-118D3MHZ | 7-1461491-2 | 107-79043 (TRAY) | 108-79627 | | | | | | |
| | 12V | PCN-112D3MHZ | PCN-112D3MHZ | 7-1461491-1 | 107-79043 (TRAY) | 108-79626 | | | | | | |
| | 9V | PCN-109D3MHZ | PCN-109D3MHZ | 7-1461491-0 | 107-79043 (TRAY) | 108-79625 | | | | | | |
| | 6V | PCN-106D3MHZ | PCN-106D3MHZ | 6-1461491-9 | 107-79043 (TRAY) | 108-79624 | | | | | | |
| | 5V | PCN-105D3MHZ | PCN-105D3MHZ | 6-1461491-8 | 107-79043 (TRAY) | 108-79623 | | | | | | |
| | 4.5V | PCN-104D3MHZ | PCN-104D3MHZ | 6-1461491-7 | 107-79043 (TRAY) | 108-79622 | | | | | | |
| | 3V | PCN-103D3MHZ | PCN-103D3MHZ | 6-1461491-6 | 107-79043 (TRAY) | 108-79621 | | | | | | |
| | 24V | PCN-124D3MZ | PCN-124D3MZ | 6-1461491-5 | 107-79043 (TRAY) | 108-79620 | | | | | | |
| | 23.5V | PCN-123D3MZ | PCN-123D3MZ | 6-1461491-4 | 107-79043 (TRAY) | 108-79619 | | | | | | |
| | 18V | PCN-118D3MZ | PCN-118D3MZ | 6-1461491-3 | 107-79043 (TRAY) | 108-79618 | | | | | | |
| | 12V | PCN-112D3MZ | PCN-112D3MZ | 6-1461491-2 | 107-79043 (TRAY) | 108-79617 | | | | | | |
| | 9V | PCN-109D3MZ | PCN-109D3MZ | 6-1461491-1 | 107-79043 (TRAY) | 108-79616 | | | | | | |
| | 6V | PCN-106D3MZ | PCN-106D3MZ | 6-1461491-0 | 107-79043 (TRAY) | 108-79615 | | | | | | |
| | 5V | PCN-105D3MZ | PCN-105D3MZ | 5-1461491-9 | 107-79043 (TRAY) | 108-79614 | | | | | | |
| | 4.5V | PCN-104D3MZ | PCN-104D3MZ | 5-1461491-8 | 107-79043 (TRAY) | 108-79613 | | | | | | |
| | 3V | PCN-103D3MZ | PCN-103D3MZ | 5-1461491-7 | 107-79043 (TRAY) | 108-79612 | | | | | | |
| | PART B | PART A | DESCRIPTION | TE PART NO | PACKING SPECIFICATION | PRODUCT SPEC | DISCRPTION | No. | | | | |

REINFORCED INSURATION WASHABLE TYPE

REINFORCED INSURATION PLASTIC SEALED TYPE

D

C

C

B

A

| | | | | | | | | | | | | |
|--------|-------------|-------------|-------------|-----------------------|--------------|------------|-----|--|--|--|--|--|
| 24V | PCN-124D3MH | PCN-124D3MH | 5-1461491-6 | 107-79043 (TRAY) | 108-79611 | | | | | | | |
| 23.5V | PCN-123D3MH | PCN-123D3MH | 5-1461491-5 | 107-79043 (TRAY) | 108-79610 | | | | | | | |
| 18V | PCN-118D3MH | PCN-118D3MH | 5-1461491-4 | 107-79043 (TRAY) | 108-79609 | | | | | | | |
| 12V | PCN-112D3MH | PCN-112D3MH | 5-1461491-3 | 107-79043 (TRAY) | 108-79608 | | | | | | | |
| 9V | PCN-109D3MH | PCN-109D3MH | 5-1461491-2 | 107-79043 (TRAY) | 108-79607 | | | | | | | |
| 6V | PCN-106D3MH | PCN-106D3MH | 5-1461491-1 | 107-79043 (TRAY) | 108-79606 | | | | | | | |
| 5V | PCN-105D3MH | PCN-105D3MH | 5-1461491-0 | 107-79043 (TRAY) | 108-79605 | | | | | | | |
| 4.5V | PCN-104D3MH | PCN-104D3MH | 4-1461491-9 | 107-79043 (TRAY) | 108-79604 | | | | | | | |
| 3V | PCN-103D3MH | PCN-103D3MH | 4-1461491-8 | 107-79043 (TRAY) | 108-79603 | | | | | | | |
| 24V | PCN-124D3M | PCN-124D3M | 4-1461491-7 | 107-79043 (TRAY) | 108-79602 | | | | | | | |
| 23.5V | PCN-123D3M | PCN-123D3M | 4-1461491-6 | 107-79043 (TRAY) | 108-79601 | | | | | | | |
| 18V | PCN-118D3M | PCN-118D3M | 4-1461491-5 | 107-79043 (TRAY) | 108-79600 | | | | | | | |
| 12V | PCN-112D3M | PCN-112D3M | 4-1461491-4 | 107-79043 (TRAY) | 108-79599 | | | | | | | |
| 9V | PCN-109D3M | PCN-109D3M | 4-1461491-3 | 107-79043 (TRAY) | 108-79598 | | | | | | | |
| 6V | PCN-106D3M | PCN-106D3M | 4-1461491-2 | 107-79043 (TRAY) | 108-79597 | | | | | | | |
| 5V | PCN-105D3M | PCN-105D3M | 4-1461491-1 | 107-79043 (TRAY) | 108-79596 | | | | | | | |
| 4.5V | PCN-104D3M | PCN-104D3M | 4-1461491-0 | 107-79043 (TRAY) | 108-79595 | | | | | | | |
| 3V | PCN-103D3M | PCN-103D3M | 3-1461491-9 | 107-79043 (TRAY) | 108-79594 | | | | | | | |
| PART B | PART A | DESCRIPTION | TE PART NO | PACKING SPECIFICATION | PRODUCT SPEC | DISCRPTION | No. | | | | | |

STANDARD INSURATION WASHABLE TYPE

STANDARD INSURATION PLASTIC SEALED TYPE

B

A

D

C

B

A

| | | |
|-----|----|---------------------|
| (D) | 15 | UV RESIN |
| | 14 | CASE (NATURAL) |
| | 14 | CASE (BLACK) |
| | 13 | EPOXY |
| | 12 | MAGNETIC WIRE |
| | 11 | CARD (NATURAL) |
| | 11 | CARD (BLACK) |
| | 10 | ARMATURE |
| | 9 | STATIONARY CONTACT |
| | 8 | STATIONARY TERMINAL |
| | 7 | MOVABLE CONTACT |
| | 6 | MOVABLE TERMINAL |
| | 5 | BASE (NATURAL) |
| | 5 | BASE (BLACK) |
| | 4 | CORE |
| | 3 | COIL TERMINAL B |
| | 2 | COIL TERMINAL A |
| | 1 | BOBBIN (BLACK ONLY) |
| TEM | | DESCRIPTION |

PARTS LIST

(B3) (B1)
 MOLD COLOR
 NATURAL: REINFORCED INSURATION MODEL
 強化絶縁品 (IEC1131-2 Conformed)
 BLACK: BASIC INSURATION MODEL
 基礎絶縁品 (IEC1131-2 Conformed)

(B3) (B1)

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| | | CHK | Y.OKAMOTO | |
| | | APVD | A.NAGAI | |
| | | PRODUCT SPEC | - | |
| | | APPLICATION SPEC | - | |
| | | WEIGHT | - | |
| CUSTOMER DRAWING | | SIZE | A3 | CAGE CODE |
| | | DRAWING NO | 00779 C=1461491 | |
| | | RESTRICTED TO | - | |
| | | SCALE | 5:1 | SHEET |
| | | | 3 of 3 | REV |
| | | | | G |



PCN-D3M** CUSTOMER DRAWING