THIS EDGE TOWARDS ROOF RIDGE

DETAIL B
SCALE 1:4
NOTES APPLY TO UPPER AND LOWER COUNTER FLASHINGS

- TOP ID FOR 1/2" CONDUIT
- CUT HERE FOR 3/4" CONDUIT
- CUT HERE FOR 1" CONDUIT
- APPLY EPDM COMPATIBLE SEALANT WHERE CONDUIT CONTACTS COUNTER FLASHING

NOTES:
1. AVAILABLE IN MILL FINISH, AND BRONZE ANODIZED FINISH.
2. FLASHINGS MAY BE SPUN, OR PRESSED.
3. ITEM 1 MATERIAL THICKNESS: .020" SPUN, .032" PRESSED

SUB FLASHING ITEM 1

ITEM NO. | DESCRIPTION | QTY.
--- | --- | ---
1 | SUB-FLASHING, CONE, 9"X9"X.020"/.032", 3003 AL, MILL | 1
2 | COUNTER FLASHING, CONDUIT, 1/2", 3/4", 1", EPDM RUBBER | 2
3 | FLASHING, CONE, 18"X18"X.032", 3003 AL, MILL | 1

TITEL:
QMCPT: CONDUIT PENETRATION FLASHING, TILE

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ± .19
THREE PLACE DECIMAL ± .094

DATE: 6/13/2019
DRAWN BY: AAP
REV: 6
SCALE: 1:8
WEIGHT: 1.32
SHEET 1 OF 2
Tile Conduit Penetration Flashing Installation Instructions

Installation Tools Required: tape measure, drill with paddle bit, caulking gun and sealant compatible with roofing material, hook blade, hammer, roofing nails, whisk broom, roofing bar, grinder with diamond blade.

Drill your conduit hole next to the rafter so you can secure the conduit below the roof surface (see Drawing 2). For 1/2” conduit, drill a 7/8” hole; for 3/4” conduit, drill a 1” hole; for 1” conduit, drill a 1-1/4” hole.

Apply sealant compatible with the roofing material on the underside of the subflashing in and upside down U.

Clear away any dust and debris and install subflashing. Waterproof at underlayment level according to roofing manufacturer instructions and Tile Roofing Institute Guidelines.

Under the top layer of felt, secure the subflashing with 2 roofing nails at the top corner of the subflashing. Apply sealant over the nail heads.

Cut the EPDM collar to appropriate conduit size (see Drawing 1, Detail B on cover).

Apply a bead of sealant compatible with both the roofing material and EPDM rubber to both the flashing and the conduit in the location of the EPDM collars final position.

Slide the collar over the conduit all the way down to the flashing.

With a diamond blade on a grinder or skill-saw, cut tile to allow conduit to pass through. Place cut tile back in position.

Bend the flashing to follow the contour of the tiles. Place flashing over conduit and tuck it up under the next course of tiles.
WARNING: Quick Mount PV products are NOT designed and should NOT be used to anchor fall protection equipment.
Tile Conduit Penetration Flashing | QMCPT

Drawing 2

- **UPPER AND LOWER COUNTER FLASHINGS TRIMMED FOR EMT CONDUIT (1/2", 3/4", 1")**
- **18"x18" SPUN CONE FLASHING**
- **9"x9" SPUN CONE SUB FLASHING**
- **EMT CONDUIT (NOT INCLUDED)**
- **SECURE CONDUIT TO RAFTER PER LOCAL BUILDING CODE: (CLIPS NOT INCLUDED)**

**Quick Mount PV®**

**QMCPT: CONDUIT PENETRATION FLASHING, TILE**

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**TOLERANCES:**
- FRACTIONAL: 1/8
- TWO PLACE DECIMAL: 0.19
- THREE PLACE DECIMAL: 0.094

**PROPRIETARY AND CONFIDENTIAL**

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Tile Conduit Penetration Flashing | QMCPT

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Jun-2019, Rev 5

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