

版数
VER.

年月日
DATE

図
NO.

変更内容
DESCRIPTION

製
DR.

担
CHK.

査
APPD.

承認
APPD.

803113503
(ON DRAWING NO.)

10.45 ±0.1

10.45 ±0.1

18.5

0.5
(PITCH)

0.15 ±0.05 (×34)

0.2 A

PIN 75 (NOTE3)
(PIN 67)

KEY # (TABLE1)

c

PIN 1

①

DESIGNATION
(NOTE5)

LOT NO.
(NOTE5)

x x x x

A-φ

J A E

③

④

(VACUUM AREA)
(NOTE4)
(吸着エリア)

②

PIN 74 (NOTE3)
(PIN 66)

0.15 ±0.05 (×33)

0.2 A

0.5
(PITCH)

a

b

18

20.15 ±0.1

H

21.9 ±0.1

X ±0.03
(DEFINED BY
DATUM H)

(+) ←

→ (-) H-φ

φ0.9 ±0.05

10 ±0.025

10 ±0.025

φ1.4 ±0.05

2.45 ±0.15

5.15 ±0.15

1.83 ±0.2

4.5 ±0.2

1.72

1.83

4.1 ±0.1

0.62

1.2 ±0.03

18.5

c

PIN 1

1.55 ±0.03

6 ±0.05

9.1 MAX

3 ±0.05

1.55 ±0.03

φ1.1 ±0.05

φ1.6 ±0.05

5.875 ±0.05

1.75

0.3 ±0.03

0.1 B C

0.5

a

b

18

10 ±0.025

10 ±0.025

APPLICABLE P.C.B. DIMENSION (REF.)
SCALE (5:1)

20°

2.45 ±0.05

1.2

MATING CONDITION
SCALE (10:1)

2.68

1.75

3.58

Z (TABLE2)

NOTE5. PRODUCTION LOT No. & MODIFY CODE AS INDICATED.
(Ex. LOT NO.)

T 5 Y B

LOT NUMBER OF CURRENT DAY
(SEE TABLE 4)

MONTH (1 TO 9 FOR JAN. TO SEPT,
RESPECTIVELY,
OCT.:0, NOV.:X, DEC.:Y)

YEAR (LAST DIGIT ONLY)

MANUFACTURE CODE

(DESIGNATION) S M 3 A

KEY POSITION
TYPE:A, B, E, M

SERIES PREFIX

DESIGNATION

SM3ZS067U410※※

SERIES
シリーズ

Z:LIF TYPE
Z:低挿入タイプ

S:STANDARD

NO. OF CONTACTS
芯数

MOUNTING TYPE
実装タイプ

U:ON BOARD TYPE

KEY POSITION
TYPE:A, B, E, M

CONTACT FINISH
接点仕上げ
A: Au (0.13 μm MIN)
B: Au (0.25 μm MIN)

PRODUCT HEIGHT
製品高さ
215: 2.15mm
310: 3.10mm
410: 4.10mm

TOP VIEW

(-)

(+)

9.25

X ±0.05

(1.35 max.)
(COMPONENT HEIGHT)

D

(1.35 max.)
(COMPONENT HEIGHT)

4 min.

R0.5 ±0.15

PIN 75 (NOTE2)
(PIN 67)

0.35 ±0.04 (×34)

0.13 D E F

0.05 D

0.5
(PITCH)

d

18.5

c

G

19.85 ±0.15

0.5 ±0.05

2 ±0.15

PIN 1

0.8 ±0.08
(PAD AREA)

20° ±5°

20° ±5°

0.3 ±0.25

0.3 ±0.25

DETAIL B
SCALE (10:1)

18

b

a

0.5 (PITCH)

0.13 D E F

0.05 D

5.2 min.

PIN 74 (NOTE2)
(PIN 66)

PIN 2

0.5 ±0.05

2.5 ±0.15

9

BOTTOM VIEW

APPLICABLE MODULE DIMENSION (REF.)
SCALE (5:1)

4 HOLD DOWN

2 COPPER ALLOY

TIN PLATING OVER Ni

3 TOP SIDE CONTACT

34 COPPER ALLOY

CONTACT AREA:
REFER TO DESIGNATION
SOLDERING AREA:
Au FLASH OVER Ni

2 BOTTOM SIDE CONTACT

33 COPPER ALLOY

CONTACT AREA:
REFER TO DESIGNATION
SOLDERING AREA:
Au FLASH OVER Ni

1 INSULATOR

1 THERMO PLASTIC

仕様書 (SPECIFICATION)

第1版 (ORIGINAL DATE)
08/JAN/2013

尺度 (SCALE)
5:1

シリーズ (SERIES)
SM3

製図
DR.

担当
CHK.

S. YAMAGUCHI

名称 (TITLE)
SM3ZS067U410※※
(NGFF
Double-Sided modules)

日本航空電子工業株式会社

図面番号 (DRAWING NO.)
SJ113503

版数 (VER.)
1

SIZE
A2

一般公差 (GENERAL TOLERANCE)

寸法 (DIMENSION)

±0.8

±0.4

±0.1

±0.05

角度 (ANGLES)

° ±

' ±

単位 (UNIT): mm

質量 (MASS)

備考
REMARKS

承認
APPD.

T. SHINDOU

承認
APPD.

NOTE1. THE COPLANARITY OF CONTACT AND HOLD DOWN SHALL BE 0.1 MAXIMUM ON THE SURFACE TABLE.

NOTE2. THIS NUMBER IS PIN-OUT NUMBER DEFINED BY NGFF SPECIFICATION.

NOTE3. THIS CONNECTOR IS HALOGEN FREE CORRESPONDENCE PRODUCT.

NOTE4. THIS AREA SHALL NOT SHOW ANY BURRS AND UNEVEN SURFACE BY EJECTOR PIN MARK,
TOOL PARTING LINE, AND ANY OTHER FACTORS.

WISDOM承認

2013/01/24

DOF-C-213H(12.08)

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