

PRODUCT NUMBER NOTE 15	PLATING CONTACT AREA	PLATING SOLDER TAIL	MATERIAL REF
68046-2XX	15μ"/.38μ Au OR GXT MIN OVER 50μ"/1.27μ Ni MIN	100μ"/160μ" 2.54μ"/4.06μ" SN	NOTE 3&4
68046-3XX	30μ"/.76μ Au OR GXT MIN OVER 50μ"/1.27μ Ni MIN	100μ"/160μ" 2.54μ"/4.06μ" SN	NOTE 3&4
68046-4XX	100μ"/2.54 SN MIN OVER 50μ"/1.27μ Ni MIN	100μ"/160μ" 2.54μ"/4.06μ" SN	NOTE 3,4&17
68046-6XX	30μ"/.76μ Au OR GXT MIN OVER 50μ"/1.27μ Ni MIN	100μ"/160μ" 2.54μ"/4.06μ" SN	NOTE 3&4
68046-8XX	30μ"/.76μ Au MIN OVER 50μ"/1.27μ Ni MIN	200μ"/5.08μ SL MIN	NOTE 3&4

OBSOLETE

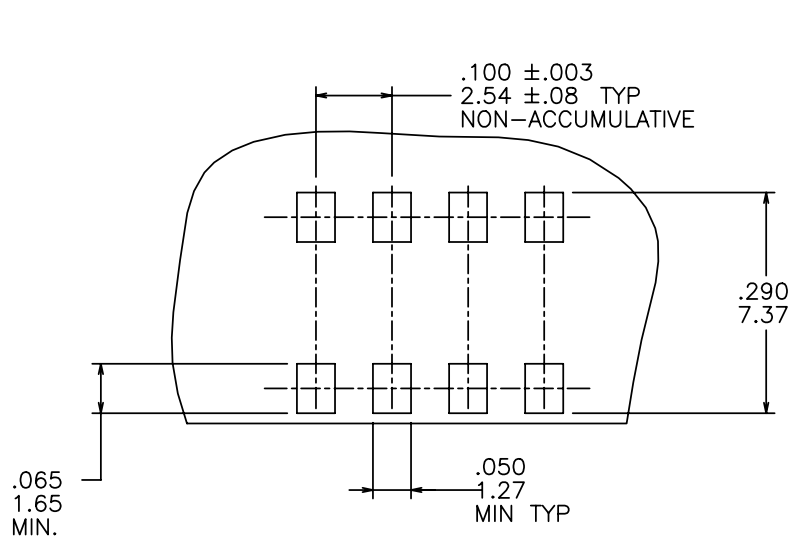


FIGURE A
TOP ENTRY
.025/.64 SQ PIN

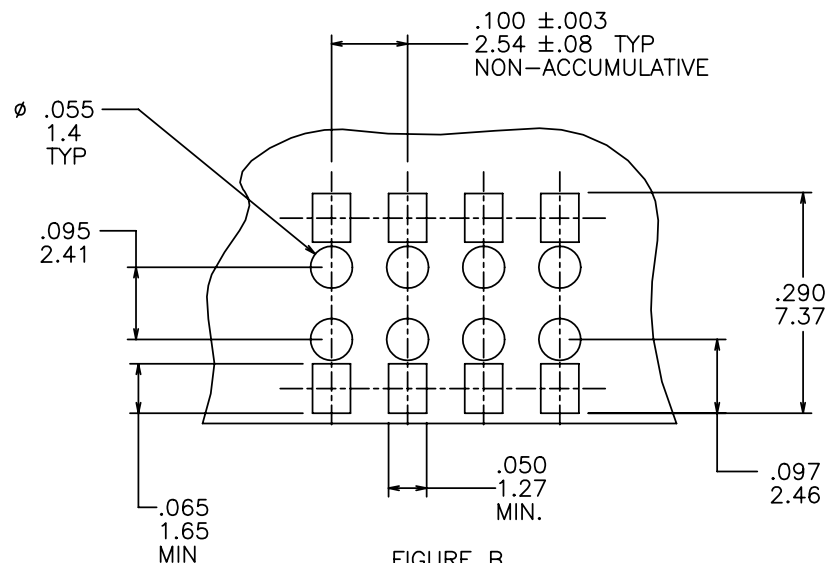
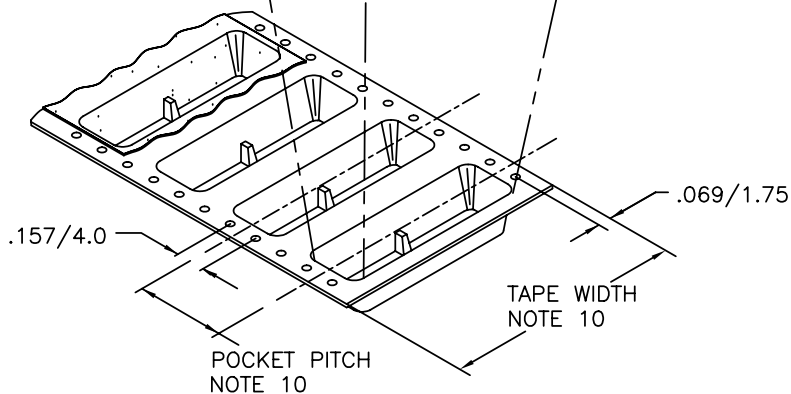


FIGURE B
BOTTOM ENTRY (THROUGH PWB)
.025/.64 SQ PIN

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family DUBOX	
l'tec n odr date		tolerances unless otherwise specified		angles 0°±2'		line XXX±.005/XXX±.13 XXXX±.0020/XXX±.05		title SMT DOUBLE ROW VCC ASSEMBLY	
AV								scale 1:1	
		dr	J. SHREINER		11/07/90	FCI		dwg no	
		engr	M. HAHN		11/07/90			sheet 2 of 5	
		chr	M. HAHN		11/07/90			size A3	
		appd	M. HAHN		11/07/90			type Product Customer Drawing	
sheet index	revision sheet								

VACUUM PICK-UP CAP
CENTRALLY LOCATED

DUBOX VERTICAL RECEPTACLE
DOUBLE ROW



TAPE AND REEL PACKAGING
SEE NOTE 7

NOTES:

1. TERMINAL MATERIAL: PHOSPHOR BRONZE.
EXTRA HARD
2. RECOMMENDED APPLICATION DATA:
A. RECOMMENDED SOLDER PAD PATTERN IS SHOWN IN FIGURE A & B.
B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF
ON GIVEN TERMINAL SPACING WITHIN .015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH .210±.010 [5.33±.51]
3. HOUSING MATERIAL: P.P.S. FILLED.
FLAME RETARDANT PER UL-94-V0.
COMPATIBLE WITH INFRA-RED SOLDERING.
COLOR: BLACK
PART WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE
FOR 20 SEONDS IN WAVE SOLDER,INFRA-RED OR
VAPOR PHASE SOLDER PROCESS.
4. PRESTAMPED POST PLATED TERMINAL.
5. FCI, FCI FINAL PART NUMBER AND DATE CODE
TO BE MARKED ON TUBE LABEL.
6. ADD SUFFIX 'P' TO DASH NUMBER AS FOURTH DIGIT FOR TAPE & REEL
PACKAGING.
7. TAPE AND REEL PACKAGING PER GES-14-334.
8. VACUUM CAP MATERIAL: L.C.P., FLAME RETARDANT UL 94 V-0.
COLOR : BLACK
CAP IS USED WITH TAPE AND REEL PACKAGING.
CAP IS TO BE CENTRALLY LOCATED ON PART.
9. TAPE AND REEL PACKAGING FOR 24mm WIDE AND BELOW HAVE PILOT HOLES ON
ONE SIDE OF TAPE ONLY. SIZES ABOVE 24mm HAVE PILOT HOLES ON BOTH
OF TAPE.
10. TAPE & REEL PACKAGING 24mm AND 32mm TAPE WIDTH, WITH 112mm POCKET
PITCH.
11. MAXIMUM LENGTH OF CONNECTOR FOR TAPE AND REEL PACKAGING IS 2.50
LONG /63.5mm
12. PART NUMBER WITH SUFFIX "U" IS FOR SAWING PURPOSES ONLY.
13. STANDARD TUBE PACKAGE PER BUS-14-097/3.
14. TAPE & REEL PACKAGING 72mm TAPE WIDTH WITH 16mm POCKET PITCH.
15. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION
16. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
17. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS".

mat'l. code		surface ☒ ISD 406 ISD 1302 ☒ ISD 1101		projection	product family DUBOX	
l	tr	ec	n	odr	date	title
AV						SMT DOUBLE ROW VCC ASSEMBLY
			angles	line		INCH/MM
			0°±2°			scale 1:1
			dr	J. SHREINER	11/07/90	
			engr	M. HAHN	11/07/90	
			chr	M. HAHN	11/07/90	
			appd	M. HAHN	11/07/90	
sheet	revision					dwg no
index	sheet					68046
						type Product Customer Drawing

1

2

3

4

5

6

PRODUCT NUMBER

NO. OF POS.

C DIM

D DIM

TAPE & REEL PACKAGING

LF OPTION

68046-Y02

2 X 2

.100/2.540

.217/5.511

NO

-Y03

2 X 3

.200/5.080

.317/8.051

NO

-Y04

2 X 4

.300/7.620

.417/10.591

NO

-Y05

2 X 5

.400/10.160

.517/13.131

NO

-Y06

2 X 6

.500/12.700

.617/15.671

NO

-Y07

2 X 7

.600/15.240

.717/18.211

NO

-Y08

2 X 8

.700/17.780

.817/20.751

NO

-Y09

2 X 9

.800/20.320

.917/23.291

NO

-Y10

2 X 10

.900/22.860

1.017/25.831

NO

-Y11

2 X 11

1.000/25.400

1.117/28.371

NO

-Y12

2 X 12

1.100/27.940

1.217/30.911

NO

-Y13

2 X 13

1.200/30.480

1.317/33.451

NO

-Y14

2 X 14

1.300/33.020

1.417/35.991

NO

-Y15

2 X 15

1.400/35.560

1.517/38.531

NO

-Y16

2 X 16

1.500/38.100

1.617/41.071

NO

-Y17

2 X 17

1.600/40.640

1.717/43.611

NO

-Y18

2 X 18

1.700/43.180

1.817/46.151

NO

-Y19

2 X 19

1.800/45.720

1.917/48.691

NO

-Y20

2 X 20

1.900/48.260

2.017/51.231

NO

-Y21

2 X 21

2.000/50.800

2.117/53.771

NO

-Y22

2 X 22

2.100/53.340

2.217/56.311

NO

-Y23

2 X 23

2.200/55.880

2.317/58.851

NO

-Y24

2 X 24

2.300/58.420

2.417/61.391

NO

68046-Y25

2 X 25

2.400/60.960

2.517/63.931

NO

NOTE 15

FCI

FCIconnect.com

Copyright FCI

mat'l. code

surface
ISO 1302

tolerance
ISO 406
ISO 1101

projection

product family
DUBOX

ltr ecn nodr date

tolerances unless otherwise specified

title

AV

angles

linea

XX±.01/XX±.3

XXX±.0005/XXX±.13

XXXX±.0020/XXX±.05

INCH/MM

scale 1:1

FCI

dwg no

sheet # of 5

size

dr J. SHREINER 11/07/90

engr M. HAHN 11/07/90

chr M. HAHN 11/07/90

appd M. HAHN 11/07/90

type Product Customer Drawing

sheet index

revision sheet

41

PDS: Rev :AV

STATUS: Released

Printed: Aug 24, 2011

[illegible]

NOTE 15

NOTE 12	
NOTE 6 & 9	
NOTE 6 & 10	
NOTE 6 & 10	
NOTE 6 & 10	
NOTE 6 & 10	
NOTE 6 & 9	OBSELETE
NOTE 6 & 14	
NOTE 6 & 14	

mat'l. code				surface ☒ tolerance ☐		projection ☐		product family							
				ISD 1302 ☒ ISD 406 ☐ ISD 1101 ☐				DUBOX							
ltr ecn nodr date				tolerances unless otherwise specified				title							
AV				angles		linea		INCH/MM		SMT DOUBLE ROW					
						$XX \pm .01 / XX \pm .3$				VCC ASSEMBLY					
				$0^\circ \pm 2^\circ$		$XXX \pm .005 / XXX \pm .13$		scale 1:1							
						$XXX \pm .0020 / XXX \pm .05$									
				dr J. SHREINER		11/07/90				dwg no		sheet 5 of 5		size	
				enrg M. HAHN		11/07/90				68046		A3			
				chr M. HAHN		11/07/90									
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