

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

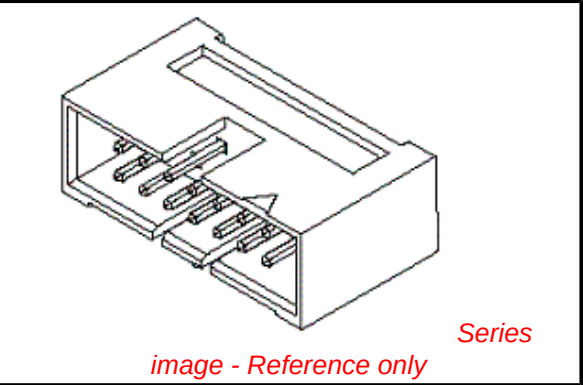
0039285104

Status:

Active

Description:

2.54mm (.100") Pitch QF-50™, Right Angle, Dual Row, Single Polarization, Shrouded Header, 10 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-5320-005 (PDF)

Product Specification PS-5320-006 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Component Type

Glow-Wire Compliant

Product Name

Ribbon Cable / Wire Trap Connectors

5342

PCB Header

No

QF-50™

Physical

Circuits (Loaded)

Entry Angle

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

10

90° Angle

94V-0

None

Brass

Tin

Tin

2

None

0.063 In

1.60 mm

Tray

0.100 In

2.54 mm

Yes

No

Yes

No

No

-40°C to +105°C

N/A

N/A

Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A

250V

Material Info

Old Part Number

5342-10T2

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-5320-005, PS-5320-006

SD-5342-001, SD-5342-002

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

5342Series

Mates With

5320

This document was generated on 05/03/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

F

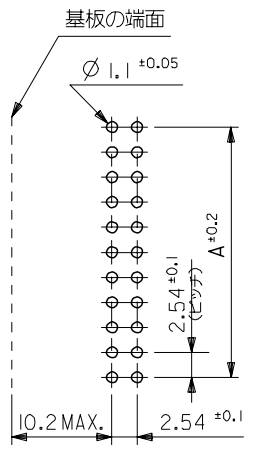
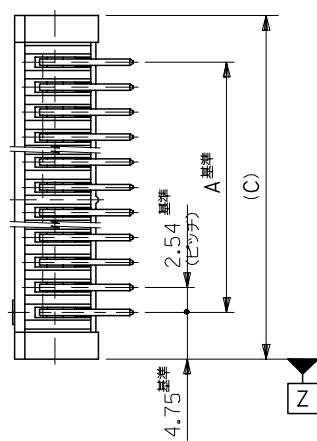
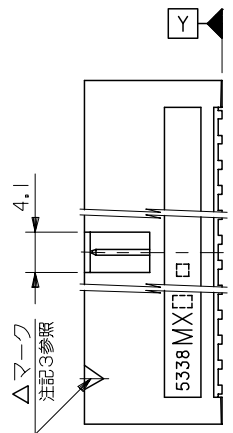
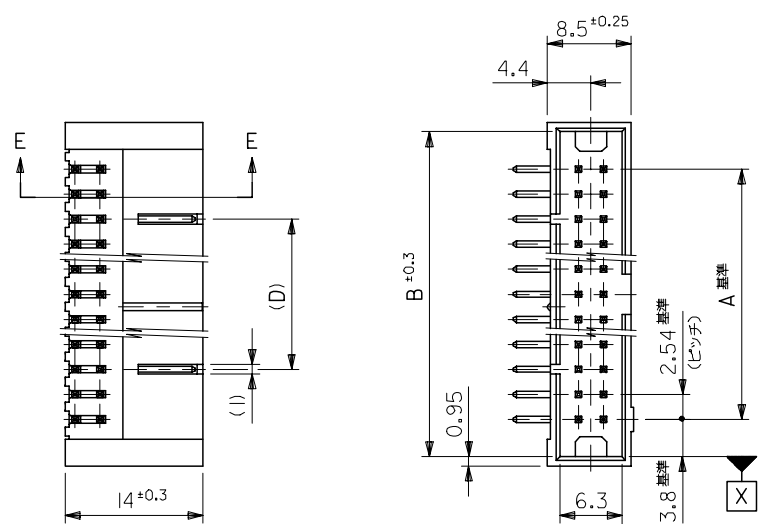
E

D

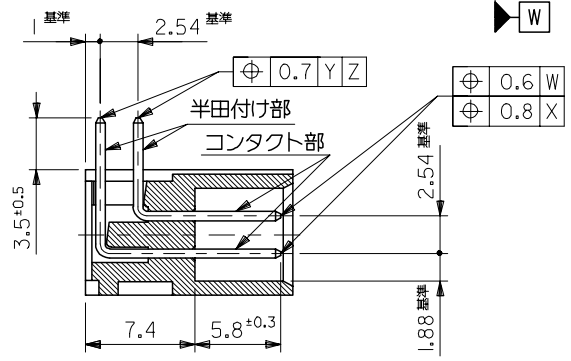
C

B

A



基板取付穴推奨寸法



SECT. E-E (SCALE 3-1)

注記

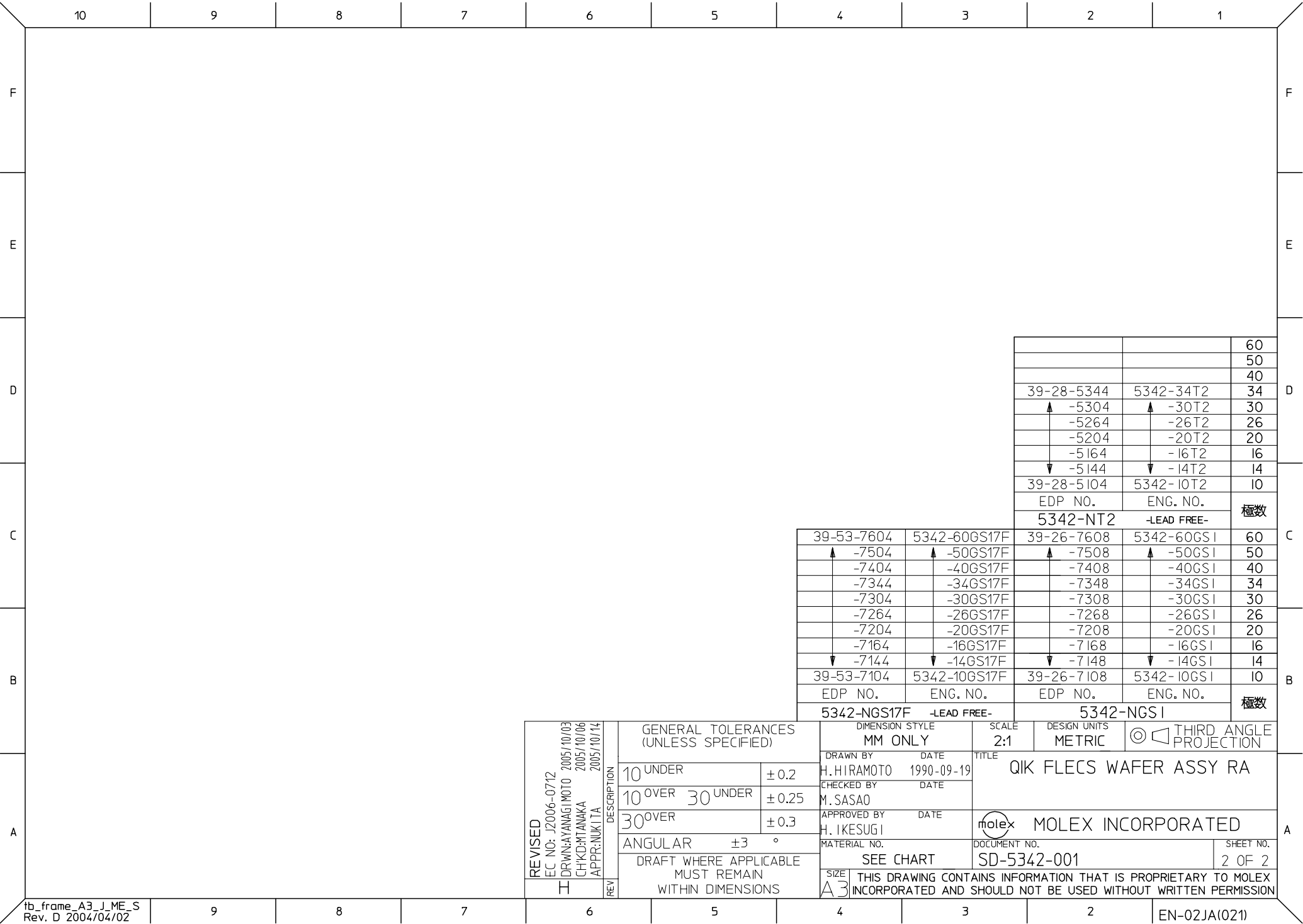
- 材料 ウエハー : ガラス繊維 I5% 入り PBTP (UL94V-0), 黒色
ピン : 黄銅, サイズ □0.635
- 嵌合相手 : 5320 シリーズ
- 使用符号の説明

5342 - N *
ベースナンバー _____
極数 _____
ピンのメッキコード _____

コード:*	△マークの色	コンタクト部	半田付け部	下地メッキ
GS1	黄	金 0.1μm MIN.	半田 3μm MIN.	ニッケル 1μm MIN.
LEAD-FREE GS17F	黄	金 0.1μm MIN.	錫 1μm MIN.	ニッケル 1μm MIN.
LEAD-FREE T2	黒	錫 1μm MIN.		ニッケル 0.5μm MIN.

60	73.66	81.26	83.16	63.50
50	60.96	68.56	70.46	50.80
40	48.26	55.86	57.76	38.10
34	40.64	48.24	50.14	30.48
30	35.56	43.16	45.06	25.40
26	30.48	38.08	39.98	—
20	22.86	30.46	32.36	—
16	17.78	25.38	27.28	—
14	15.24	22.84	24.74	—
10	10.16	17.76	19.66	—
極数	A 寸法	B 寸法	C 寸法	D 寸法

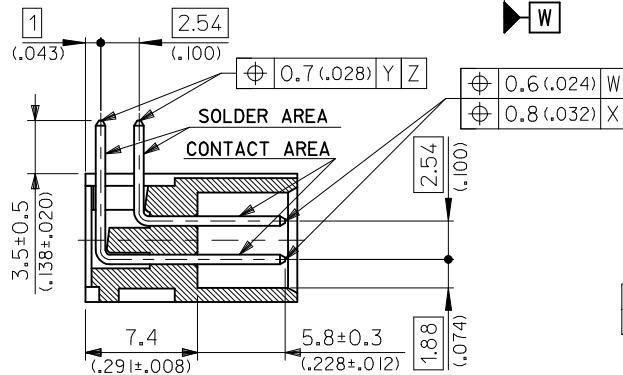
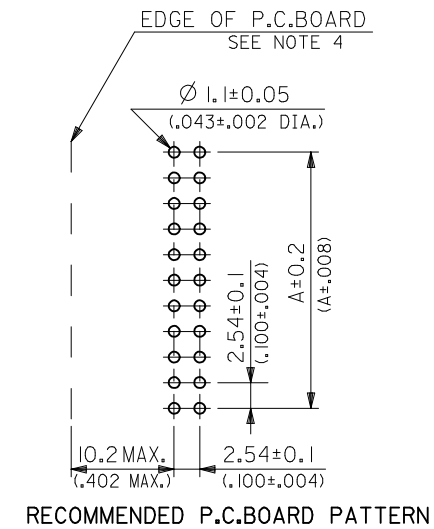
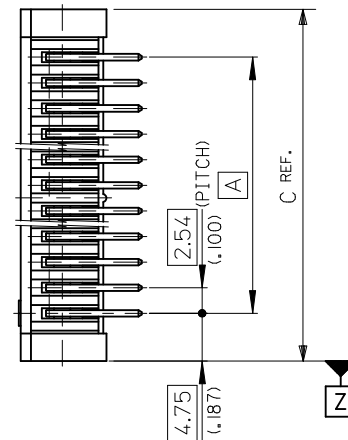
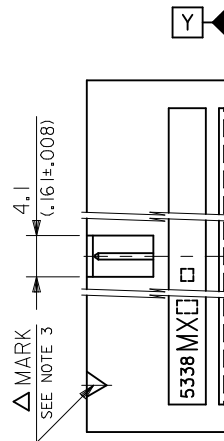
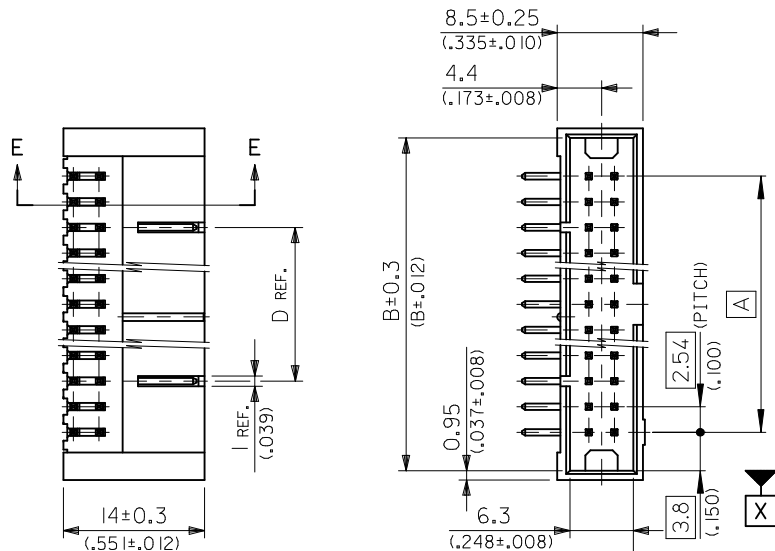
REVISED EC NO: J2006-0712 DRWN: YANAGI MOTO 2005/10/03 CHKD: MTANAKA 2005/10/06 APPR: NUKITA 2005/10/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER ±0.2		DRAWN BY H. HIRAMOTO	DATE 1990/06/19	TITLE QIK FLECS WAFER ASSY RA			
		10 OVER 30 UNDER ±0.25		CHECKED BY M. SASAO	DATE				
		30 OVER ±0.3		APPROVED BY H. IKESUGI	DATE	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	SEE SHEET 2 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



		60
		50
		40
39-28-5344	5342-34T2	34
▲ -5304	▲ -30T2	30
-5264	-26T2	26
-5204	-20T2	20
-5164	-16T2	16
▼ -5144	▼ -14T2	14
39-28-5104	5342-10T2	10
EDP NO.	ENG. NO.	
5342-NT2	-LEAD FREE-	極数

39-53-7604	5342-60GS17F	39-26-7608	5342-60GS1	60
▲ -7504	▲ -50GS17F	▲ -7508	▲ -50GS1	50
-7404	-40GS17F	-7408	-40GS1	40
-7344	-34GS17F	-7348	-34GS1	34
-7304	-30GS17F	-7308	-30GS1	30
-7264	-26GS17F	-7268	-26GS1	26
-7204	-20GS17F	-7208	-20GS1	20
-7164	-16GS17F	-7168	-16GS1	16
▼ -7144	▼ -14GS17F	▼ -7148	▼ -14GS1	14
39-53-7104	5342-10GS17F	39-26-7108	5342-10GS1	10
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	
5342-NGS17F	-LEAD FREE-	5342-NGS1		極数

REVISED EC NO: J2006-0712 DRWN:YANAGIMOTO 2005/10/03 CHKD:MTANAKA 2005/10/06 APPR:NUKITA 2005/10/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY H.HIRAMOTO	DATE 1990-09-19	TITLE QIK FLECS WAFER ASSY RA				
		10 OVER 30 UNDER	±0.25	CHECKED BY M.SASAO	DATE					
		30 OVER	±0.3	APPROVED BY H. IKESUGI	DATE	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-5342-001		2 OF 2		
		REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



NOTES

1. MATERIAL WAFER : G.F. 15% PBT (UL94V-0), COLOR---BLACK
PINS : BRASS, SIZE--- □0.635(.025 SQ.)

2. MATES WITH MOLEX CONNECTOR SERIES OF 5320.

3. LEGEND 5342 - N *
BASE NUMBER _____
CIRCUIT SIZE _____
PLATING CODE OF PIN _____

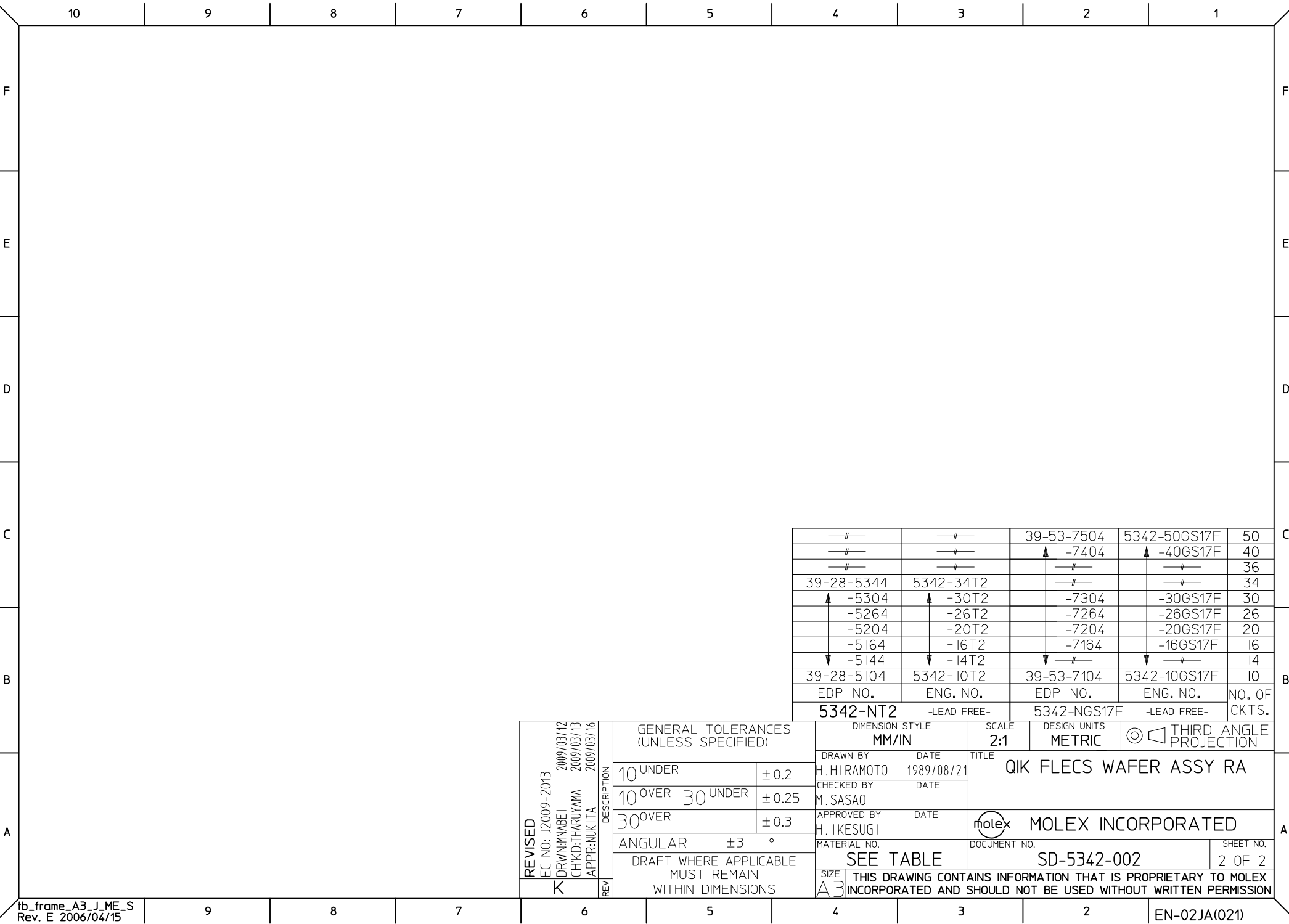
	CODE:*	Δ MARK COLOR	CONTACT AREA	SOLDER AREA	UNDER PLATE
LEAD-FREE	GS17F	YELLOW	GOLD 0.1 μm(.000004) MIN.	TIN 1 μm(.00004) MIN.	NICKEL 1 μm(.00004) MIN.
LEAD-FREE	T2	BLACK	TIN 1 μm(.00004) MIN.		NICKEL 0.5 μm(.00002) MIN.

4. 10.2(.402) MAX. TO EDGE OF P.C. BOARD FOR DAISY CHAIN APPLICATION.

SECT. E-E (SCALE 3:1)

60	73.66 (2.900)	81.26 (3.200)	83.16 (3.274)	63.50 (2.500)
50	60.96 (2.400)	68.56 (2.700)	70.46 (2.774)	50.80 (2.000)
40	48.26 (1.900)	55.86 (2.200)	57.76 (2.274)	38.10 (1.500)
36	43.18 (1.700)	50.78 (2.000)	52.68 (2.074)	33.02 (1.300)
34	40.64 (1.600)	48.24 (1.900)	50.14 (1.974)	30.48 (1.200)
30	35.56 (1.400)	43.16 (1.700)	45.06 (1.774)	25.40 (1.000)
26	30.48 (1.200)	38.08 (1.500)	39.98 (1.574)	—H—
20	22.86 (.900)	30.46 (1.200)	32.36 (1.274)	—H—
16	17.78 (.700)	25.38 (1.000)	27.28 (1.074)	—H—
14	15.24 (.600)	22.84 (.900)	24.74 (.974)	—H—
10	10.16 (.400)	17.76 (.700)	19.66 (.774)	—H—
NO. OF CKTS.	DIM. A	DIM. B	DIM. C	DIM. D

REVISED EC NO: J2009-2013 DRWN:WABEI CHKD:THARUYAMA APPR:NUKITA K	DESCRIPTION 2009/03/12 2009/03/13 2009/03/16	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY H. HIRAMOTO	DATE 1989/08/21	TITLE QIK FLECS WAFER ASSY RA				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE					
		30 OVER	± 0.3	APPROVED BY H. IKESUGI	DATE	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-5342-002		1 OF 2		
	REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



—#—	—#—	39-53-7504	5342-50GS17F	50
—#—	—#—	▲ -7404	▲ -40GS17F	40
—#—	—#—	—#—	—#—	36
39-28-5344	5342-34T2	—#—	—#—	34
▲ -5304	▲ -30T2	-7304	-30GS17F	30
-5264	-26T2	-7264	-26GS17F	26
-5204	-20T2	-7204	-20GS17F	20
▼ -5164	▼ -16T2	-7164	-16GS17F	16
▼ -5144	▼ -14T2	▼ —#—	▼ —#—	14
39-28-5104	5342-10T2	39-53-7104	5342-10GS17F	10
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	NO. OF
5342-NT2	-LEAD FREE-	5342-NGS17F	-LEAD FREE-	CKTS.

REVISED EC NO: J2009-2013 DRWN:MNABEI 2009/03/12 CHKD:THARUYAMA 2009/03/13 APPR:NUKITA 2009/03/16 K	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY H. HIRAMOTO	DATE 1989/08/21	QIK FLECS WAFER ASSY RA				
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE					
		30 OVER	±0.3	APPROVED BY H. IKESUGI	DATE	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						