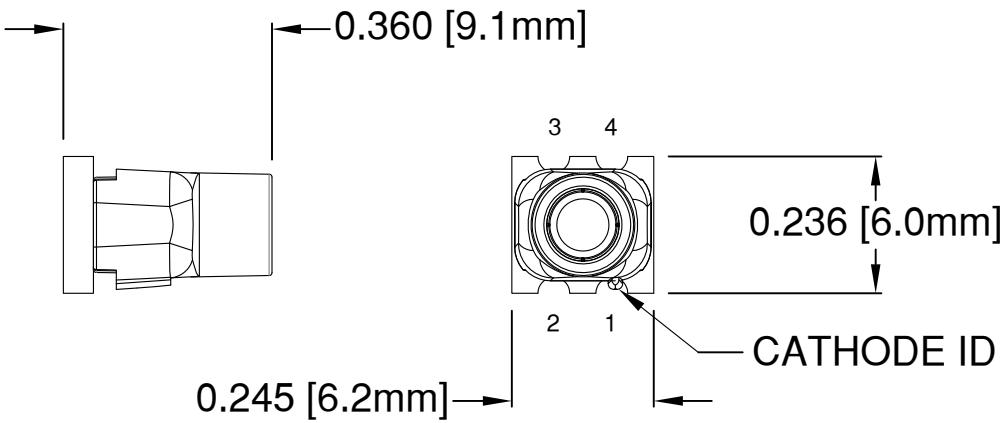
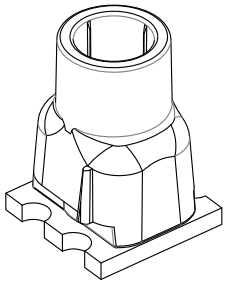
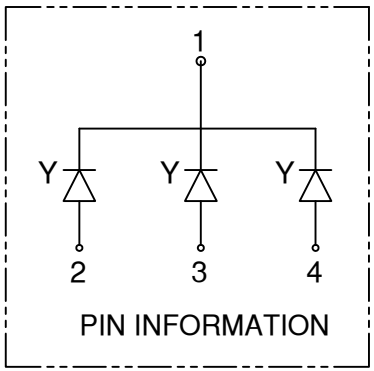
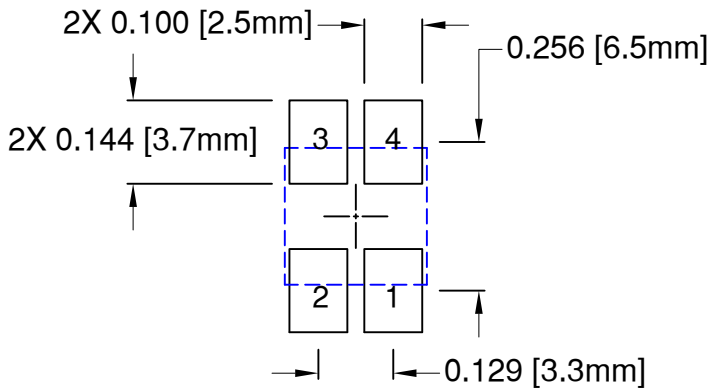
REV.	DESCRIPTION	DATE	APPROVED
B	Engineering Release	02/27/15	J. C.
C	Revised Side View, See Page 4	03/20/15	J. C.
D	Corrected Typo in Recom. Soldering Pattern	09/12/16	J. C.
E	Updated Per ECO-1353	09/23/25	A. F.







RECOMMENDED SOLDERING PATTERN



ABSOLUTE MAXIMUM RATINGS at Ta=25°C	
REVERSE VOLTAGE	5V
REVERSE CURRENT	100µA
OPERATING TEMPERATURE RANGE	-35°C - 85°C
STORAGE TEMPERATURE	-35°C - 85°C
MAX SOLDERING TEMPERATURE	260°C FOR 3 SECONDS

NOTES:
2. DERATING OF FORWARD CURRENT PER SEGMENT, 0.30mA/°C at T≥25°C
1. ACCEPTS BIVAR FLEXIBLE LIGHT PIPE STYLE FLPS2031

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS		ANGULAR	
.X	± .1	X°	± 1°
.XX	± .02		
.XXX	± .010		

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TITLE: SMT FLP VERTICAL ADAPTER, YELLOW

DESIGNED:	DATE:	PART NO:	REVISION:
A. Wright	03/13/14	SMTV01-YXX	E
CHECKED: B. Oliver	DATE: 03/13/14	CAGE CODE : 32559	SHEET # 1 OF 4

CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Part Number	Chip				Absolute Maximum Ratings Per Segment			Electro-Optical Data @60mA, 25°C			
	Emitted Color	λ_D [nm]			P_d [mW]	I_f [mA]	Peak I_f [mA]	V_f [V]			I_v [mcd]
		MIN	TYP	MAX				MIN	TYP	MAX	TYP
SMTV01-Y19	YELLOW	-	589	-	65	25	100	1.8	2.1	2.6	190
SMTV01-Y27					65	25	100				270
SMTV01-Y35					65	25	100				348

Note: 10% Duty Cycle, Pulse Width ≤0.1msec for Peak I_f.

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS	ANGULAR
.X ± .1	X° ± 1°
.XX ± .02	
.XXX ± .010	

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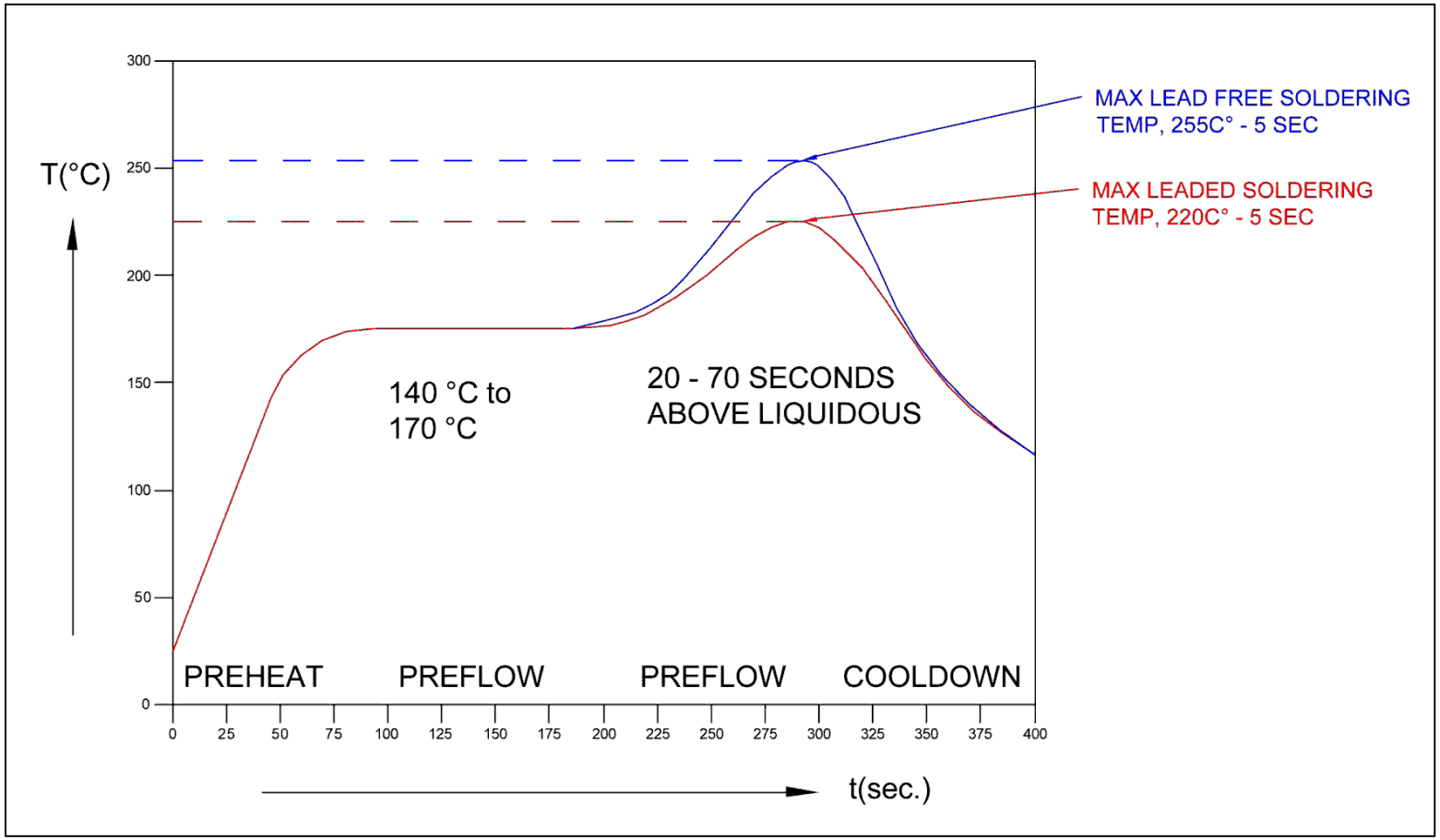
TITLE: SMT FLP VERTICAL ADAPTER, YELLOW

DESIGNED:	DATE:	PART NO:	REVISION:
A. Wright	03/13/14	SMTV01-YXX	E
CHECKED: B. Oliver	DATE: 03/13/14	CAGE CODE : 32559	SHEET # 2 OF 4

CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Recommended Reflow Soldering Profile

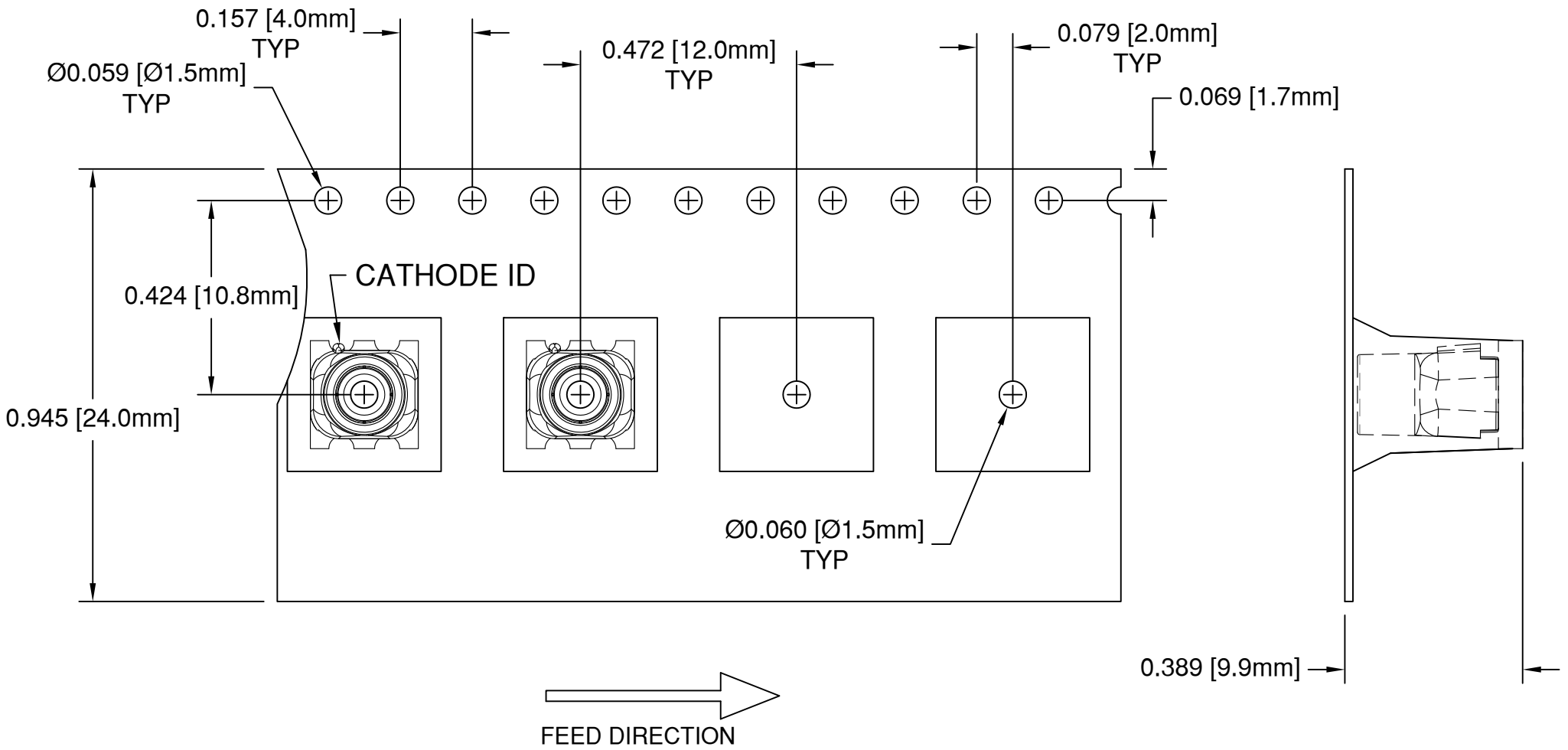


NOTE:

1. Do not clean after soldering. Only use no-clean solder paste.

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS .X ± .1, .XX ± .02, .XXX ± .010 ANGULAR X° ± 1°		BIVAR® 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		TITLE: SMT FLP VERTICAL ADAPTER, YELLOW	
DESIGNED: A. Wright	DATE: 03/13/14	PART NO: SMTV01-YXX	REVISION: E
CHECKED: B. Oliver	DATE: 03/13/14	CAGE CODE : 32559	SHEET # 3 OF 4
		CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		



NOTES:
3. MOISTURE SENSITIVITY LEVEL: 4
2. UNLESS OTHERWISE SPECIFIED, PACKAGING TO COMPLY WITH EIA-481-D
1. 1000 pcs PER REEL

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS		ANGULAR
.X	± .1	X° ± 1°
.XX	± .02	
.XXX	± .010	

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DESIGNED: A. Wright	DATE: 03/13/14	TITLE: SMT FLP VERTICAL ADAPTER, YELLOW	
CHECKED: B. Oliver	DATE: 03/13/14	PART NO: SMTV01-YXX	REVISION: E
		CAGE CODE : 32559	SHEET # 4 OF 4

CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.