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PRODUCT NUMBER

10129381 – X YY XXX X LF

LEAD FREE OPTION
(SEE NOTES 7)

PACKAGING OPTIONS
(SEE NOTE 3)

INDICATES DIFFERENT MATING LENGTH
TAIL LENGTH AND OTHER OPTIONS
(SEE TABLE IN SHEET 2)

NO. OF POSITIONS
(SEE NOTE 2)

PIN PLATING
(SEE SHEET 2)

BASE PART NO.

RECOMMENDED HOLE PATTERN

Ø.040 [1.02]±.003 [0.08]
TYP

.100 [2.54]±.003 [0.08]
TYP
NON-ACCUMULATIVE

.100 [2.54]±.003 [0.08]
TYP

TOTAL PIN LGTH.
DIM F
REF

TAIL LENGTH
DIM G
±.010 [0.25]

MATING LENGTH
DIM H
±.008 [0.20]

NOTE 4

.100 [2.54]
REF

.008 [0.20]
REF TYP

NOTE 6

.045 [1.14]
REF

.100 [2.54]

.050 [1.27]
MAX TYP

(N–1)X.100[2.54]
REF

–U–

.100 [2.54]
TYP

.190 [4.83]
–V–

□.025 [0.64]±.001 [0.03]
MAX TYP

⊕ Ø.020/0.51 Ⓜ Ⓤ Ⓜ Ⓥ Ⓢ

□.013 [0.33]
MAX TYP

±.010 [0.25]

DETAIL P
SCALE 5:1
TYP BOTH ENDS

25°±5°
4 SIDES

| mat'l. code | | | | | | surface | ISO 1302 ✓ |
| SEE NOTES 1 | | | | | | | |

ltr	ecn no	dr	date	tolerances		projection	⊕
A	NEW	ZK	04/23/14	linear	angles		
B	ELX-N-18529	ZK	08/14/14		XX±.01/X±0.3	scale 2:1	INCH/MM
C	ELX-N-18529 J.H	02/12/15			XXX±.008/XXX±0.20		

| | | | | | XXXX±.0040/XXXX±0.100 | | |

		dr	ZK HU	04/23/14
		engr	ZK HU	04/23/14
		chr	RICK BIAN	04/23/14
		appd	RICK BIAN	04/23/14

tolerance ISO 406 / ISO 1101
angles 0°±2°

| sheet | revision | sheet | 1 | C |
| index | sheet | | 2 | C |

product family
ECONOSTIK

title
ECONOSTIK HEADER
.100/2.54cc DR STRAIGHT

dwg no
10129381

sheet 1 of 2

size A3

type Product Customer Drawing

form: A3

FCIconnect.com

PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH	
	DIM F ENGLISH	DIM F METRIC	DIM G ENGLISH	DIM G METRIC	DIM H ENGLISH	DIM H METRIC
10129381-XYY001XLF	0.450	11.43	0.120	3.05	0.230	5.84
10129381-XYY002XLF	0.420	10.67	0.090	2.29	0.230	5.84
10129381-XYY003XLF	0.538	13.67	0.120	3.05	0.318	8.08
10129381-XYY004XLF	0.508	12.91	0.090	2.29	0.318	8.08
10129381-XYY005XLF	0.966	24.54	0.354	9.00	0.512	13.00

NOTES:
1. MATERIAL:
   BODAY MATERIAL: HIGH TEMPERATURE THERMOPLASTIC.
   FLAME UL94-V0, BLACK.
   PIN MATERIAL: COPPER ALLOY.

2. ANY NUMBER OF POSITIONS FROM 4(2X2) TO 72(2X36).
   N=NO. OF POSITION/2.
   PRODUCT MAYBE CUTTING TO POSITION,
   THE CUTTING PLASH IS 0.02[0.51] MAX.

3. PACKING STYLE DEFINITION.
   B: PACKED WITH POLY BAG
   T: PACKED WITH TUBE
   A: PACKED WITH TAPE AND REEL WITH PICK UP CAP
   C: PACKED WITH TAPE AND REEL WITHOUT PICK UP CAP

4. TWO SIDES OF PIN TIPS NOT PLATED, TYPICAL BOTH ENDS.

5. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION BEFORE REFLOW.

6. THE OAL DON'T EXCEED 1 INCH / 25.4MM.

7. ADD LF AT THE END OF PART NUMBER IS FOR LEAD FREE.

8. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
   COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

9. PRODUCT SPECIFICATION: GS-12-1223.

10. THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
    FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER
    PROCESS.

PIN PLATING CODES:

10129381-9YYXXXXXLF | 1u" /0.025u MIN Au OVER 50u"/1.27u MIN Ni.

mat'l. code		SEE NOTES 1		
ltr	ecn no	dr	date	
C				

surface	tolerance
ISO 1302 √ / ISO 406 / ISO 1101	

tolerances unless otherwise specified

angles 0°±2°
linear XX±.01/X±0.3
XXX±.008/XX±0.20
XXXX±.0040/XXX±0.100

	dr	engr	chr	appd
	ZK HU	ZK HU	RICK BIAN	RICK BIAN
	04/23/14	04/23/14	04/23/14	04/23/14

projection: INCH/MM

scale 2:1

product family: ECONOSTIK
title: ECONOSTIK HEADER .100/2.54cc DR STRAIGHT
dwg no: 10129381
sheet 2 of 2
size: A3
type: Product Customer Drawing

sheet		
index	revision	sheet

form: A3