

P	LTR	DESCRIPTION	DATE	DWN	APVD
A		FIRST RELEASE	15FEB2012	RC	EK
A1		ECR-12-016256	13SEP2012	WW	YHM
A2		ECR-12-021134	12NOV2012	W.W	YH.M
A3		ECR-13-001507	25JAN2013	W.W	YH.M

2.50

0.80

M±0.10

N±0.20

0.80

9.20^{+0.10}₀

3.50

0.80

1.50

11.10^{+0.30}₀

0.50

2.90 REF

3.75

5.40^{+0.10}₀

6.00

8.00

A

1

2

A

0.60

1471-9 (3/11)

SECTION A-A

NOTE

1 SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS

2 MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME
EIGHT COLORS AVAILABLE, INCLUDING: NATURAL, RED, BLUE, YELLOW, BLACK, GREY, GREEN, PURPLE
WHITE VERSION IS PRELIMINARY
CONTACT, COPPER ALLOY, 0.60MM THICK

3 FINISH: OPTION 1: TIN PLATING OVER NICKEL UNDERPLATING
OPTION 2: AG PLATING OVER NICKEL UNDERPLATING

4 PCB LAYOUT AS SHOWN

5 THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 ARE FOR NATURAL COLOR . THE PART NUMBER FOR OTHER COLOR ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR, DETAIL PLEASE SEE SHEET 5

6 PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PIECE PACKAGING. PLEASE CONTACT TE SALES REPRESENTATIVES FOR TUBE PACKAGING REQUIREMENT.

PCB LAYOUT - SOLDER SIDE
ODD NUMBER OF PINS
SCALE 4:1

PCB LAYOUT - SOLDER SIDE
EVEN NUMBER OF PINS
SCALE 4:1

40.10

35.00

15

37.60

32.50

14

35.10

30.00

13

32.60

27.50

12

30.10

25.00

11

27.60

22.50

10

25.10

20.00

9

22.60

17.50

8

20.10

15.00

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17.60

12.50

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15.10

10.00

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12.60

7.50

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10.10

5.00

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N

M

NO. OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±0.20
3 PLC ±
4 PLC ±
ANGLES °
FINISH

MATERIAL

DWN
WINTER WANG
CHK
HAPYE WU
APVD
YUJHONG MAO

12NOV2012
12NOV2012
12NOV2012

PRODUCT SPEC
108-106079

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
RAST 2.5 TAB HEADER ASYY
TH, VERTICAL, INTERNAL LOCKING

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1971819

RESTRICTED TO

SCALE
NTS

SHEET
1

OF
5

REV
A3

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

-

SEE SHEET 1

-

-

-

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QTY

TAB CONTACT
w/ AG PLATING

1

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QTY

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 10P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 8P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 6P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 5P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 4P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 4)

10

9

8

7

6

5

4

3

QTY

3-1971839-0

2-1971839-0

1-1971839-0

5-1971839-9

4-1971839-9

3-1971839-9

2-1971839-9

1-1971839-9

3-1971839-8

2-1971839-8

1-1971839-8

6-1971839-7

5-1971839-7

4-1971839-7

3-1971839-7

2-1971839-7

1-1971839-7

4-1971839-6

3-1971839-6

2-1971839-6

1-1971839-6

4-1971839-5

3-1971839-5

2-1971839-5

1-1971839-5

5-1971839-4

4-1971839-4

3-1971839-4

2-1971839-4

1-1971839-4

1971839-3

9-1971839-3

8-1971839-3

7-1971839-3

6-1971839-3

5-1971839-3

4-1971839-3

3-1971839-3

2-1971839-3

1-1971839-3

TE PART NO. 5

15

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11

QTY

TAB CONTACT
w/ AG PLATING

1

1

1

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QTY

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 14P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 12P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 4)

15

14

13

12

11

QTY

3-1971840-5

2-1971840-5

1-1971840-5

1-1971840-4

1-1971840-3

1-1971840-2

2-1971840-1

1-1971840-1

TE PART NO. 5

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±1°

FINISH

MATERIAL

-

DWN 12NOV2012 WINTER WANG

CHK 12NOV2012 HAPYE WU

APVD 12NOV2012 YUJHONG MAO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING

SIZE A2

CAGE CODE 00779

DRAWING NO 1971819

RESTRICTED TO

SCALE NTS

SHEET 2 OF 5

REV A3

1471-9 (3/11)

4

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2

1

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LOC-

DIST-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		- SEE SHEET 1	-	-	-

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QTY

TAB CONTACT
w/ TIN PLATING

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QTY

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 10P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 8P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 6P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 5P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 4P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 4)

TE PART NO.5

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POS.

3-1971819-0

2-1971819-0

1-1971819-0

5-1971819-9

4-1971819-9

3-1971819-9

2-1971819-9

1-1971819-9

3-1971819-8

2-1971819-8

1-1971819-8

6-1971819-7

5-1971819-7

4-1971819-7

3-1971819-7

2-1971819-7

1-1971819-7

4-1971819-6

3-1971819-6

2-1971819-6

1-1971819-6

4-1971819-5

3-1971819-5

2-1971819-5

1-1971819-5

5-1971819-4

4-1971819-4

3-1971819-4

2-1971819-4

1-1971819-4

1971819-3

9-1971819-3

8-1971819-3

7-1971819-3

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4-1971819-3

3-1971819-3

2-1971819-3

1-1971819-3

TE PART NO.5

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11

QTY

TAB CONTACT
w/ TIN PLATING

1

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QTY

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 14P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 12P
(SEE THE DETAIL LAYOUT ON SHEET 4)

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 4)

TE PART NO.5

15

14

13

12

11

POS.

3-1971820-5

2-1971820-5

1-1971820-5

1-1971820-4

1-1971820-3

1-1971820-2

2-1971820-1

1-1971820-1

TE PART NO.5

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±°

FINISH

MATERIAL

-

DWN12NOV2012
WINTER WANG

CHK12NOV2012
HAPYE WU

APVD12NOV2012
YUJHONG MAO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

RAST 2.5 TAB HEADER ASYY
TH, VERTICAL, INTERNAL LOCKING

SIZEA2

CAGE CODE00779

DRAWING NO©1971819

RESTRICTED TO

SCALENTS

SHEET3

OF5

REV

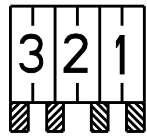
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TE Connectivity

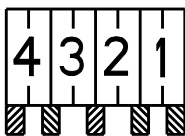
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1471-9 (3/11)

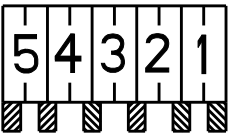
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P	LYR	DESCRIPTION			DATE	DWN	APVD
		SEE SHEET 1			-	-	-



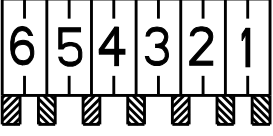
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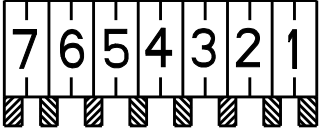
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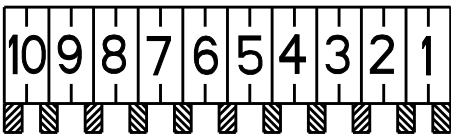
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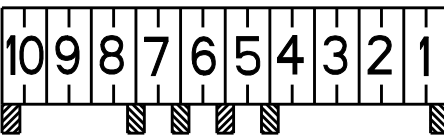
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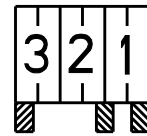
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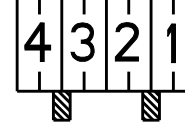
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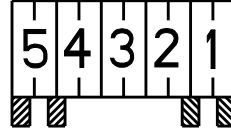
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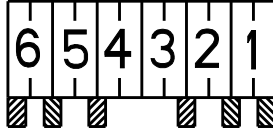
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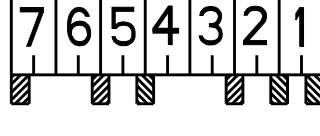
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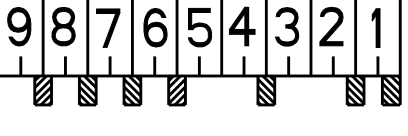
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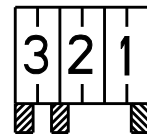
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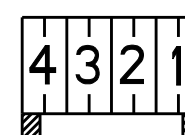
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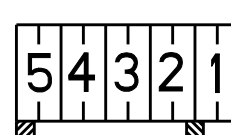
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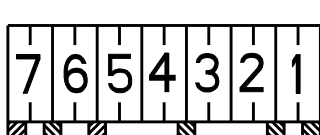
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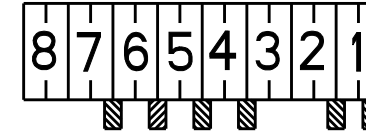
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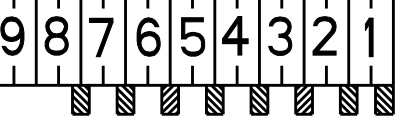
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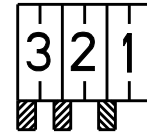
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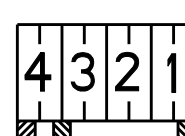
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4-1971839-4



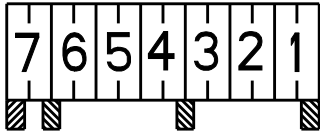
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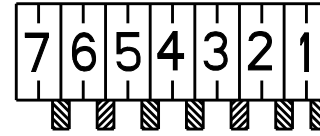
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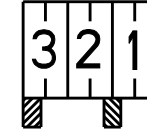
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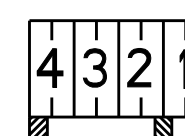
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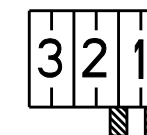
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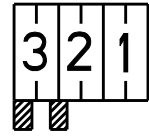
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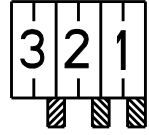
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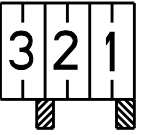
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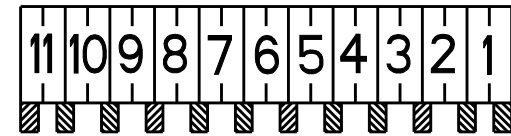


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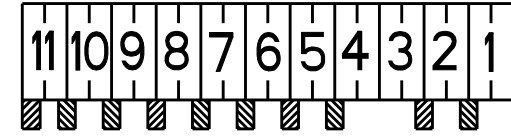


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3 POS

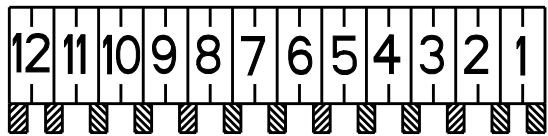


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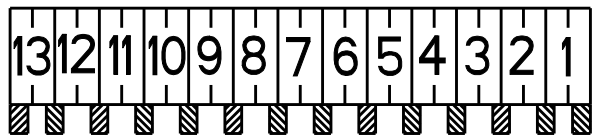
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4 POS



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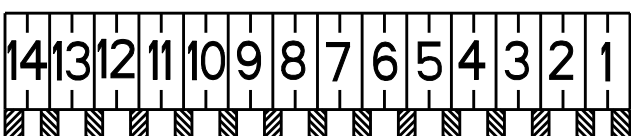
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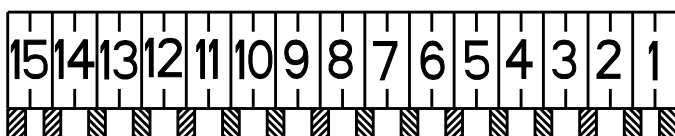
6 POS

7 POS



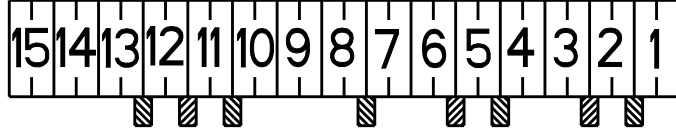
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8 POS



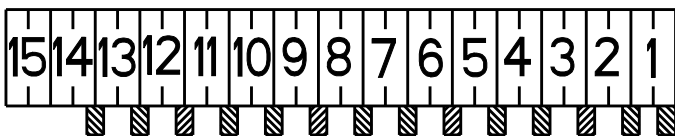
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9 POS



2-1971820-5
2-1971840-5

15 POS



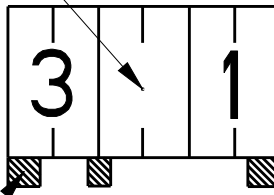
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10 POS

NO CONTACT LOADED

KEYING GROOVE

PICTORIAL VIEW KEY



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: WINTER WANG	12NOV2012	 TE Connectivity	
DIMENSIONS:		CHK: HAPYE_WU	12NOV2012		
mm		APVD: YUZHONG MAO	12NOV2012	NAME: RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE: A1	
		0 PLC ± 1 PLC ± 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		CAGE CODE: 00779	
MATERIAL: -		WEIGHT: -		DRAWING NO: 1971819	
CUSTOMER DRAWING				SCALE: NTS	
				SHEET 4 OF 5	
				REV: A3	

4

3

2

1

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RELEASED FOR PUBLICATION

20

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

FOR ANY KEYING CONFIGURATION, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE WHITE VERSION IS PRELIMINARY. THE P/N OF THE COLOR CONNECTOR ARE BASED ON THE NATURAL CONNECTOR, THE PREFIX AND POSTFIX ARE THE SAME FOR THE SAME KEYING CONFIGURATION, BUT THE BASE NUMBERS ARE DIFFERENT ACCORDING TO DIFFERENT COLOR.THE FOLLOWING SHOWS WHAT’S THE P/N FOR COLOR CONNECTOR

#-1971820-#

PREFIX

BASE NUMBER

POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR 				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971819-#	#-1971820-#	#-1971839-#	#-1971840-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2 & 3 & 4
RED	#-2232161-#	#-2232162-#	#-2232163-#	#-2232164-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE P/N OF THE NATURAL CONNECTOR FOR THE SAME KEYING CONFIGURATION, JUST THE BASE NUMBERS ARE DIFFERENT BASED ON DIFFERENT COLOR. # CAN BE THE NUMBER FROM 0 TO 9.
BLUE	#-2232165-#	#-2232166-#	#-2232167-#	#-2232168-#	
YELLOW	#-2232169-#	#-2232170-#	#-2232171-#	#-2232172-#	
BALCK	#-2232173-#	#-2232174-#	#-2232175-#	#-2232176-#	
GREY	#-2232177-#	#-2232178-#	#-2232179-#	#-2232180-#	
GREEN	#-2232181-#	#-2232182-#	#-2232183-#	#-2232184-#	
PURPLE	#-2232185-#	#-2232186-#	#-2232187-#	#-2232188-#	
WHITE	#-2232281-#	#-2232282-#	#-2232283-#	#-2232284-#	

FOR EXAMPLE,IF A CONNECTOR WITH THE CONFIGURATION AS BELOW, AND WITH TIN PLATING CONTACT, IN THE SHEET 4, WE CAN FIND THE RELATED CONNECTOR P/N WITH NATURAL COLOR IS 5-1971819-4, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 5-2232161-4

4

3

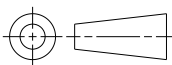
2

1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±

±0.20

±

±

±°

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

12NOV2012

12NOV2012

12NOV2012

108-106079

-

-

SCALE

NTS

WINTER WANG

HAPYE WU

YUJHONG MAO

108-106079

-

-

SHEET

5

OF

5

REV

A3

TE

TE Connectivity

NAME

RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

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1471-9 (3/11)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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