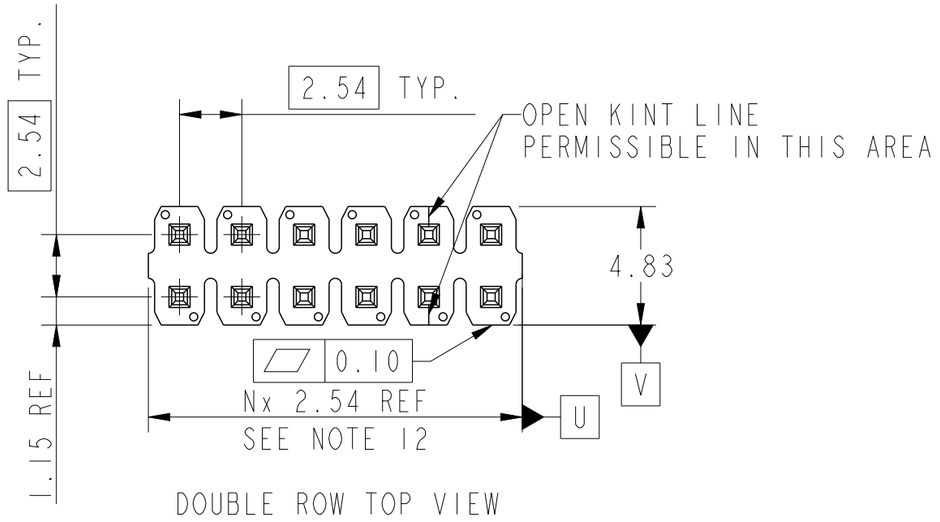
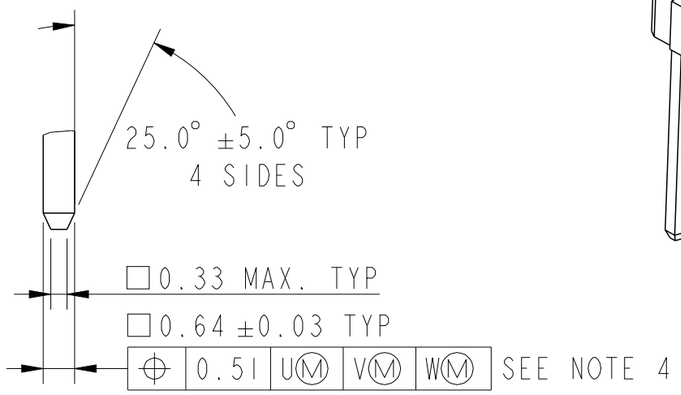
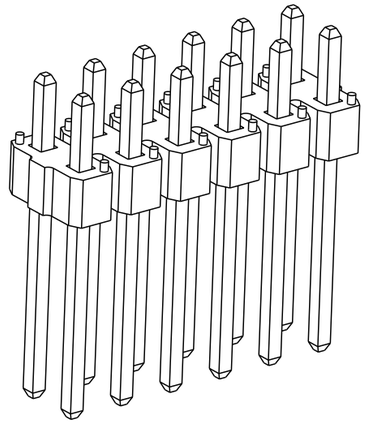
PART NUMBER
10123500

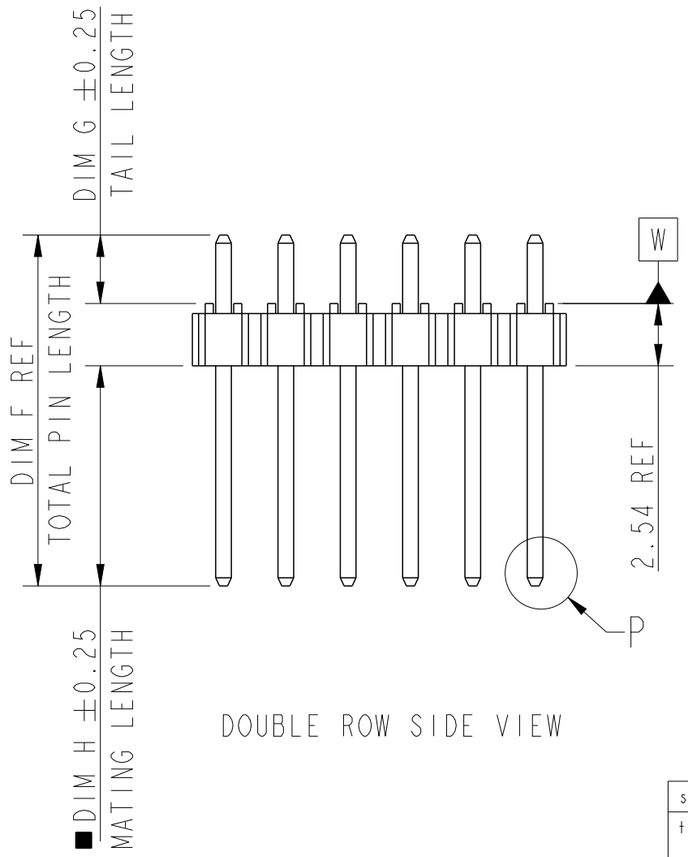


DOUBLE ROW TOP VIEW



DETAIL P TYP
BOTH ENDS
SCALE 2:1





DOUBLE ROW SIDE VIEW

PRODUCT NUMBER CODES

10123500- X YY XXX X LF

- 10123500 — PRODUCT BASE NUMBER
- X — PIN PLATING (SEE SHEET 2)
- YY — NO OF POSITIONS (SEE NOTE 1)
- XXX — INDICATE DIFFERENT MATING LENGTH AND TAIL LENGTH AND POLARIZED PIN AND OTHER INFORMATION
- X — PACKING SPEC.(SEE NOTE 1)
- LF — LEAD FREE

spec ref	BUS-12-050			dr	Brandon Ding	2013/01/23	projection	MM	size A3 / scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Zheng-Kun Hu	2014/09/15			
				chr	-	-			ecn no ELX-N-18807-1
				appr	Rick Bian	2014/09/15	product family -		rel level Released
surface -	linear	0.X	±0.3	FCI	title	BERGSTIK HEADER		dwg no 10123500	rev D
ISO 1302		0.XX	±0.13			D/R 2.54 Pitch Straight			
		0.XXX	±0.051	www.fci.com	cat. no. -		Product - Customer Drw		sheet 1 of 3
	angular	0°	±2°						

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PIN WIRE PLATING CODES:	
10123500-1YYXXXLF	30u" MIN GXT OVER 50u" MIN Ni
10123500-2YYXXXLF	15u" MIN GXT OVER 50u" MIN Ni
10123500-3YYXXXLF	50u" MIN GXT OVER 50u" MIN Ni
10123500-4YYXXX	100u" MIN MATTE Sn OVER 50u" MIN Ni(SEE NOTE 11)
10123500-4YYXXXLF	
10123500-5YYXXXLF	15u" MIN Au OVER 50u" MIN Ni
10123500-6YYXXXLF	30u" MIN Au OVER 50u" MIN Ni

NOTES:

1. PART NUMBER OPTIONS:
   PIN PLATING CODES (SEE ABOVE)
   NUMBER OF POSITIONS :
   EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36)
   FOR BERGSTIK. -X00 INDICATES BERGSTRIP PRODUCT. FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT. AUTOMATED REELS WILL CONTAIN 20,000 PINS. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:
   PACKAGED IN POLY BAGS.
   THE FIFTEENTH DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES.
   THE FIFTEENTH DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH CAP.

LEAD FREE:
   ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

2. BODY MATERIAL:
   HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
   COLOR: BLACK
3. PIN MATERIAL: BRASS.
4. MEASURED WITH PART IN RESTRAINED CONDITION.
5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
7. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD AS CLOSE AS 36 POSITIONS.
8. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
9. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.
10. INCREMENTS BY 0.1mm IN LENGTHS ONLY
11. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
12. TO DETERMINE DIMENSIONS:
    N=NUMBER OF POSITION PER ROW
    EXAMPLE: 10 POS. N X .100/2.54
13. THE SYMBOL DIMENSION " ■ " DEPICT KEY PRODUCT CHARACTERISTICS.

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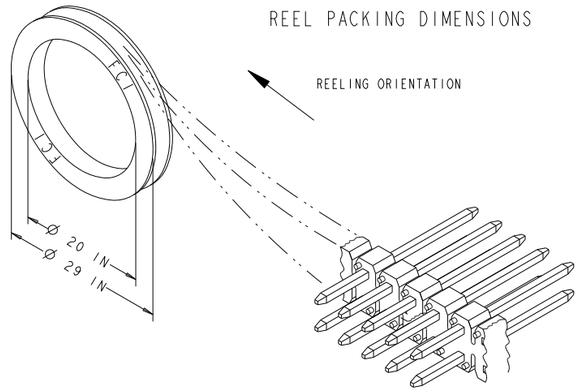
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Zheng-Kun Hu	2014/09/15			
				chr	-	-			ecn no ELX-N-18807-1
				appr	Rick Bian	2014/09/15	product family -		rel level Released
surface -	linear	0.X	±0.3	FCI	title	BERGSTIK HEADER		dwg no 10123500	rev D
ISO 1302		0.XX	±0.13			D/R 2.54 Pitch Straight			
		0.XXX	±0.051						
	angular	0°	±2°	www.fci.com	cat. no. -	Product - Customer Drw			sheet 2 of 3

PIN DIMENSIONS CODES:						
PART NUMBER	TOTAL PIN LENGTH DIM F	TAIL LENGTH DIM G	MATING LENGTH DIM H	PACKING	NOTES	LF OPTION
10123500-XYY001LF	14.30	2.79	8.97	POLY BAGS	--	SEE NOTE 1
10123500-XYY002LF	16.00	2.41	11.05	POLY BAGS	--	SEE NOTE 1
10123500-XYY003LF	17.20	2.40	12.26	POLY BAGS	--	SEE NOTE 1

REEL PACKING DIMENSIONS



spec ref	BUS-12-050			dr	Brandon Ding	2013/01/23	projection	MM	size A3	scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Zheng-Kun Hu	2014/09/15				
				chr	-	-			ecn no	ELX-N-18807-1
				appr	Rick Bian	2014/09/15	product family	-	rel level	Released
surface -	linear	0.X	±0.3	FCI	title	BERGSTIK HEADER	dwg no	10123500	rev	D
		0.XX	±0.13			D/R 2.54 Pitch Straight				
ISO 1302		0.XXX	±0.051							
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 3	

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