

PRODUCT NO.  
XXXXX-XXYP XXX LF

LEAD FREE OPTION (SEE NOTE 8 & 10)

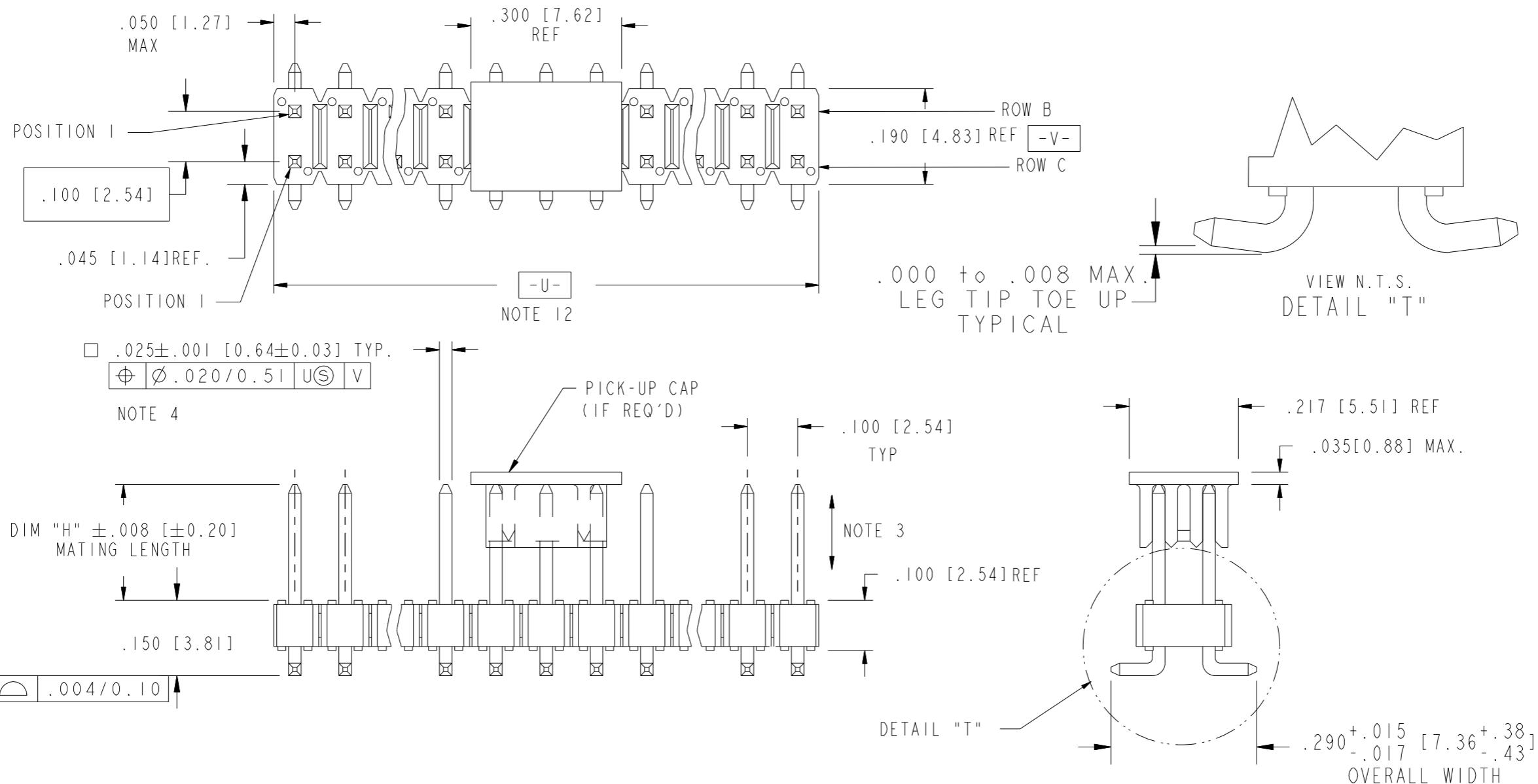
POLARIZATION NOTE 12

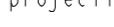
PACKAGING OPTIONS (SEE NOTE 6)

NO. OF POSITIONS (SEE NOTE 5)

PLATING NUMBER (SEE SHEET 2)

BASE PART NUMBER (SEE SHEET 4)



spec ref			dr	Yong Huang	2010/10/25		<b>INCH/MM</b> 	size	A3	scale	2:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Henry Guo			ecn no	ELX-N-17855-1						
				chr	-			rel level	Released						
				appr	Rick Bian			product family							
surface		linear	.XX/0.X	±0.01/±0.3		BERGSTIC II HEADER DR			dwg no	95157		rev AJ			
			XXX/0.XX	±0.005/±0.13		.100cc DUPLEX VERT.SMT									
			XXXX/0.XXX	±0.002/±0.05											
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw			sheet 1 of 5					

PRODUCT NUMBER	CONTACT AREA "DIM D" PLATING	TAIL PLATING
XXXXX-1YY	30 $\mu$ "/0.76 $\mu$ Au OVER 50 $\mu$ "/1.27 $\mu$ Ni.	100 $\mu$ "/2.54 $\mu$ MATTE TIN OVER 50 $\mu$ "/1.27 $\mu$ Ni.
XXXXX-2YY	15 $\mu$ "/0.38 $\mu$ Au OVER 50 $\mu$ "/1.27 $\mu$ Ni.	100 $\mu$ "/2.54 $\mu$ MATTE TIN OVER 50 $\mu$ "/1.27 $\mu$ Ni.
XXXXX-1YYLF	30 $\mu$ "/0.76 $\mu$ Au OVER 50 $\mu$ "/1.27 $\mu$ Ni.	100 $\mu$ "/2.54 $\mu$ MATTE TIN OVER 50 $\mu$ "/1.27 $\mu$ Ni.
XXXXX-2YYLF	15 $\mu$ "/0.38 $\mu$ Au OVER 50 $\mu$ "/1.27 $\mu$ Ni.	100 $\mu$ "/2.54 $\mu$ MATTE TIN OVER 50 $\mu$ "/1.27 $\mu$ Ni.
XXXXX-4YYLF	100 $\mu$ "/2.54 $\mu$ min Matte Tin OVER 50 $\mu$ "/1.27 $\mu$ min Ni.	100 $\mu$ "/2.54 $\mu$ MATTE TIN OVER 50 $\mu$ "/1.27 $\mu$ Ni.

A

## NOTES:

(1) BODY MATERIAL: GLASS FIBER REINFORCED PCT OR PA46 FLAME RETARDENT PER UL-94V-0. COLOR: BLACK  
OR  
MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0. COLOR: BLACK

(2) PIN MATERIAL: PHOS-BRONZE.

(3) 2 Lbs / 0.9 Kg MIN PIN RETENTION IN EITHER DIRECTION.

(4) MEASURED WITH PART IN RESTRAINED CONDITION.

B

(5) NUMBER OF POSITIONS FROM 4(2X2) THRU 40(2X20)  
EXCEPT TAPE-ON-REEL AVAILABLE 4(2X2) THRU 34(2X17) ONLY.

(6) PACKAGING OPTIONS: CHECK SPECIFIC PART NUMBERS FOR AVAILABILITY.  
PART NUMBERS WITHOUT A SUFFIX ARE PACKAGED IN POLY BAGS.  
PART NUMBERS FOLLOWED BY A "T" SUFFIX ARE PACKAGED IN TUBES.  
PART NUMBERS FOLLOWED BY A "V" SUFFIX ARE PACKAGED TAPE-ON-REEL WITH A PICK-UP CAP INSTALLED CETRALLY LOCATED.  
PART NUMBERS FOLLOWED BY A "VM" SUFFIX ARE PACKAGED DIFFERENT TAPE-ON-REEL WITH A PICK-UP CAP INSTALLED CETRALLY LOCATED.  
AVAILABLE PART NUMBERS SEE TAB.  
PART NUMBERS FOLLOWED BY A "W" SUFFIX ARE PACKAGED TAPE-ON-REEL WITHOUT A PICK-UP CAP.

(7) CONTACT MARKETING BEFORE ORDERING ODD POSITION PART NUMBERS (2X3, 2X5, 2X7, ETC.).

(8) ADD LF TO THE END OF PART NUMBER FOR LEAD FREE OPTION.

(9) THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLow OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

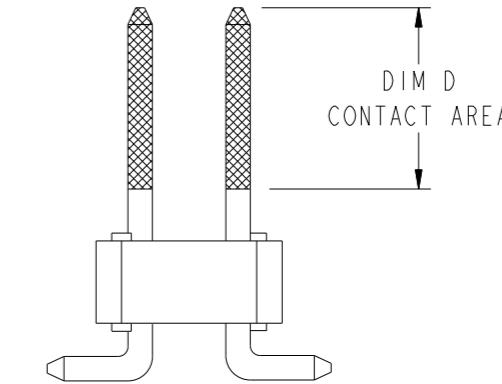
(10) THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

(11) "THIS PRODUCT HAS 100% MATTE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WISKER GROWTH IN ALL INTERCONECT ENVIRONMENTS".

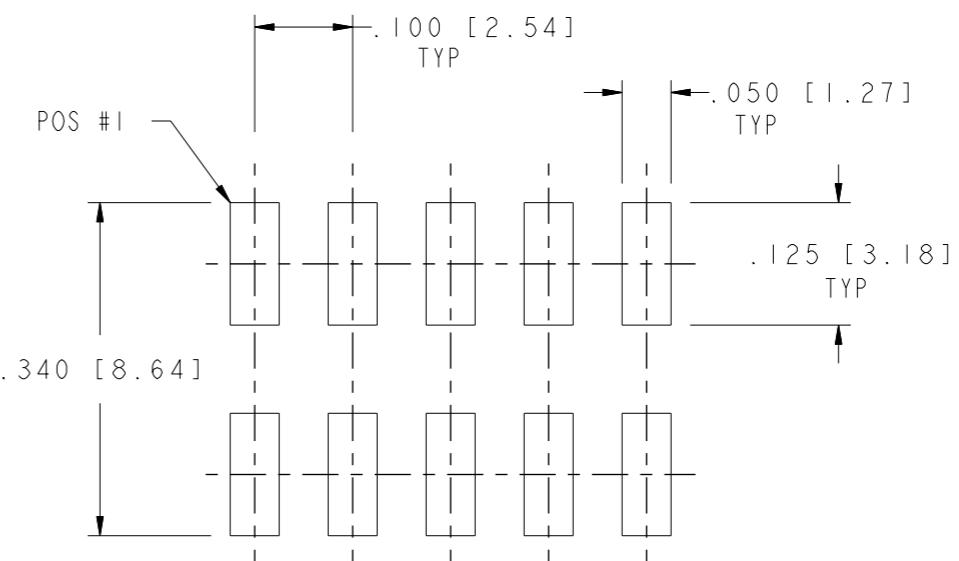
(12) FOR POLARIZATION SPECIFY POSITION NUMBER (i.e. B03 = ROW B POSITION 3) TO OMIT AN OMIT FROM PRODUCT NUMBER IF THIS TEXTURE IS NOT APPLICABLE PRODUCT MANAGER APPROVAL REQUIRED PRIOR TO RELEASE OR SALE OF POLARIZED PRODUCTS.

(13) PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

(NOTE 11 & 13)  
(NOTE 11 & 13)  
(NOTE 11 & 13)  
(NOTE 11 & 13)  
(NOTE 11)



DOUBLE ROW SMT  
END VIEW



DOUBLE ROW  
RECOMMENDED PAD LAYOUT  
SCALE: 4/1

dr	Yong Huang	2010/10/25	projection	INCH / MM	size	scale
eng	Henry Guo	2014/06/06	product family	ecn no	rel level	DRAWING SCALE
chr	-	-				
appr	Rick Bian	2014/06/11				
	BERGSTIC II HEADER DR .100cc DUPLEX VERT.SMT	dwg no	95157	rev	AJ	
	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 5		

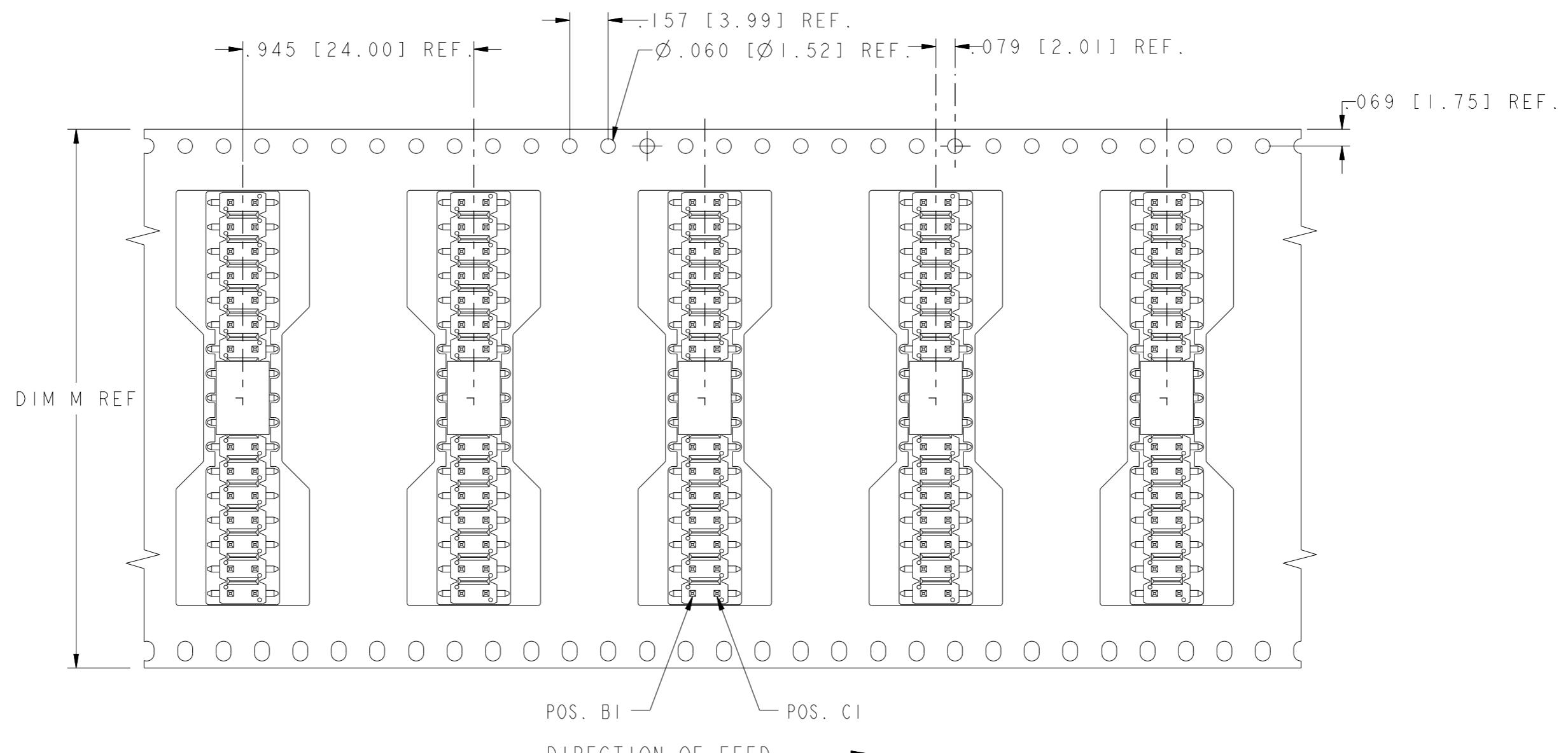
PRODUCT NUMBER  
SEE TABLE

2

3

4

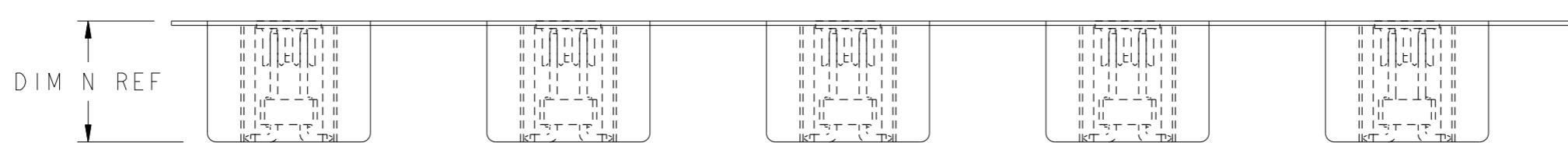
A

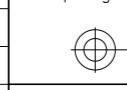


Copyright FCI

Copyright FCI

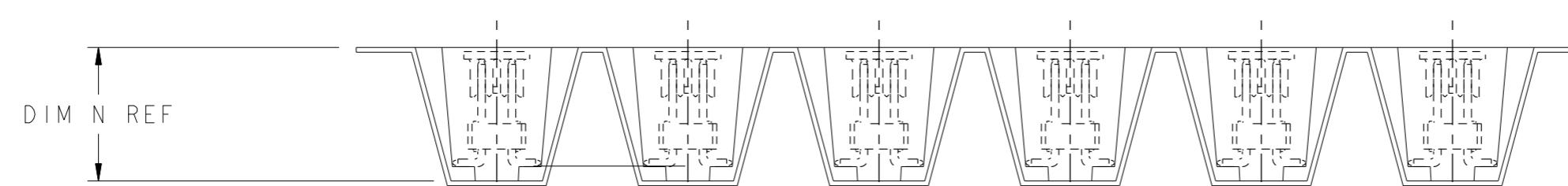
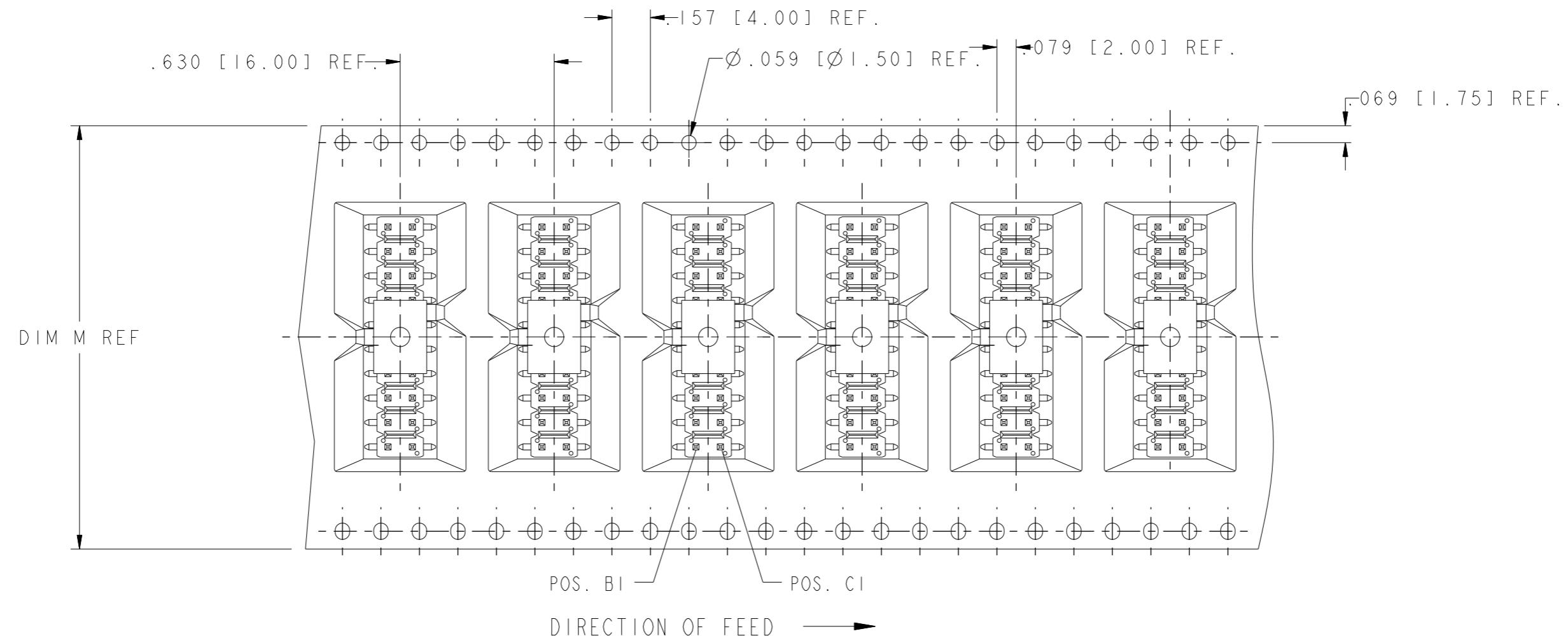
D



dr	Yong Huang	2010/10/25	projection	INCH / MM	size	A3	scale			
eng	Henry Guo	2014/06/06			← →	DRAWING SCALE	ELX-N-17855-1			
chr	-	-								
appr	Rick Bian	2014/06/11								
product family		rel level		Released		rev				
 <a href="http://www.fci.com">www.fci.com</a>		BERGSTIC II HEADER DR		dwg no		95157				
.100cc DUPLEX VERT.SMT		cat. no.		Product - Customer Drw		sheet 3 of 5				

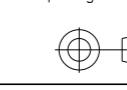
PRODUCT NUMBER
SEE TABLE

A



FCI

Copyright FCI

dr	Yong Huang	2010/10/25	projection 	INCH / MM	size A3	scale
eng	Henry Guo	2014/06/06				DRAWING SCALE
chr	-	-				ecn no
appr	Rick Bian	2014/06/11				ELX-N-17855-1
			product family		rel level	Released
	BERGSTIC II HEADER DR					
	.100cc DUPLEX VERT.SMT					
	www.fci.com	cat. no.	Product - Customer Drw			rev
					95157	AJ

A

B

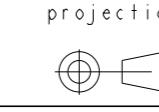
C

D

PRODUCT NUMBER	MATING LENGTH DIM H	CONTACT AREA DIM D	TAPE WIDTH DIM M	POCKET PITCH	POCKET DEPTH DIM N	PACKAGING	LF OPTION
55426-XXY		NOT AVAILABLE					A SEE NOTES 8, 9, 10
72598-XXY	.330/8.38	.200/5.08	-/-	-/-	-/-	POLY BAGS	
84731-XXY		NOT AVAILABLE					
84733-XXY		NOT AVAILABLE					
95157-XXY	.230/5.84	.185/4.70	2.205/56.00	.945/24.0	.43/11.0	POLY BAGS/TAPE-ON-REEL/TUBES	B B
95157-210V	.230/5.84	.185/4.70	1.26/32	.945/24.0	.43/11.0	TAPE ON REEL	
95157-216V	.230/5.84	.185/4.70	1.73/44	.945/24.0	.43/11.0	TAPE ON REEL	
95157-X10VM	.230/5.84	.185/4.70	.945/24	.630/16.0	.441/11.2	TAPE ON REEL	
95157-X14VM	.230/5.84	.185/4.70	1.73/44	.630/16.0	.441/11.2	TAPE ON REEL	
95157-X16VM	.230/5.84	.185/4.70	1.73/44	.630/16.0	.441/11.2	TAPE ON REEL	
95157-X20VM	.230/5.84	.185/4.70	1.73/44	.630/16.0	.441/11.2	TAPE ON REEL	
95159-XXY	.318/8.08	.200/5.08	2.205/56.00	.945/24.0	.52/13.2	POLY BAGS/TAPE-ON-REEL/TUBES NOTE 7	
98273-XXY	.360/9.14	.200/5.08	-/-	.945/24.0	-/-	POLY BAGS	
71276-XXYH	.230/5.84	.200/5.08	2.205/56.00	.945/24.0	.433/11.00	POLY BAGS/TAPE ON REEL	
71276-408HV	.230/5.84	.200/5.08	.945/24.00	.945/24.0	.433/11.00	TAPE ON REEL	
71276-410HV2	.230/5.84	.200/5.08	.945/24.00	.945/24.0	.415/10.54	TAPE ON REEL	C C
71277-XXYH	.318/8.08	.288/7.32	2.205/56.00	.945/24.0	.524/13.28	POLY BAGS/TAPE ON REEL, NOTE 7	
71276-XXYHLF	.230/5.84	.200/5.08	2.205/56.00	.945/24.0	.433/11.00	POLY BAGS/TAPE ON REEL	
71276-408HVLF	.230/5.84	.200/5.08	.945/24.00	.945/24.0	.433/11.00	TAPE ON REEL	
71276-410HV2LF	.230/5.84	.200/5.08	.945/24.00	.945/24.0	.415/10.54	TAPE ON REEL	
71277-XXYHLF	.318/8.08	.288/7.32	2.205/56.00	.945/24.0	.524/13.28	POLY BAGS/TAPE ON REEL, NOTE 7	

FCI

Copyright FCI

dr	Yong Huang	2010/10/25	projection 	INCH / MM 	size A3 DRAWING SCALE ecn no ELX-N-17855-1
eng	Henry Guo	2014/06/06			
chr	-	-			
appr	Rick Bian	2014/06/11			
product family		rel level	Released		
 BERGSTIC II HEADER DR .100cc DUPLEX VERT.SMT		dwg no	95157		
www.fci.com		cat. no.	Product - Customer Drw	sheet 5 of 5	