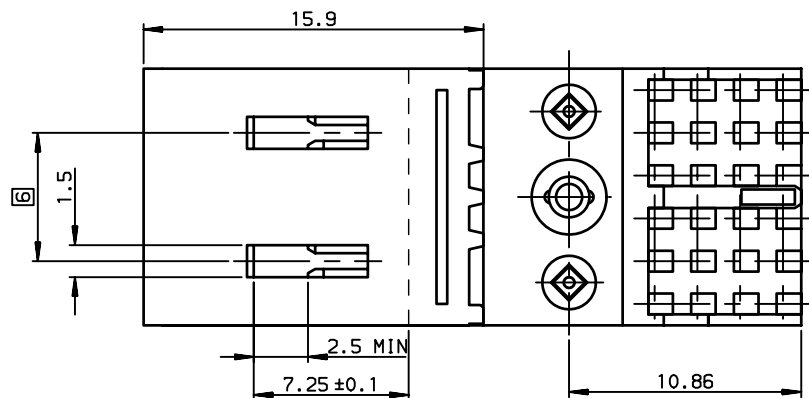
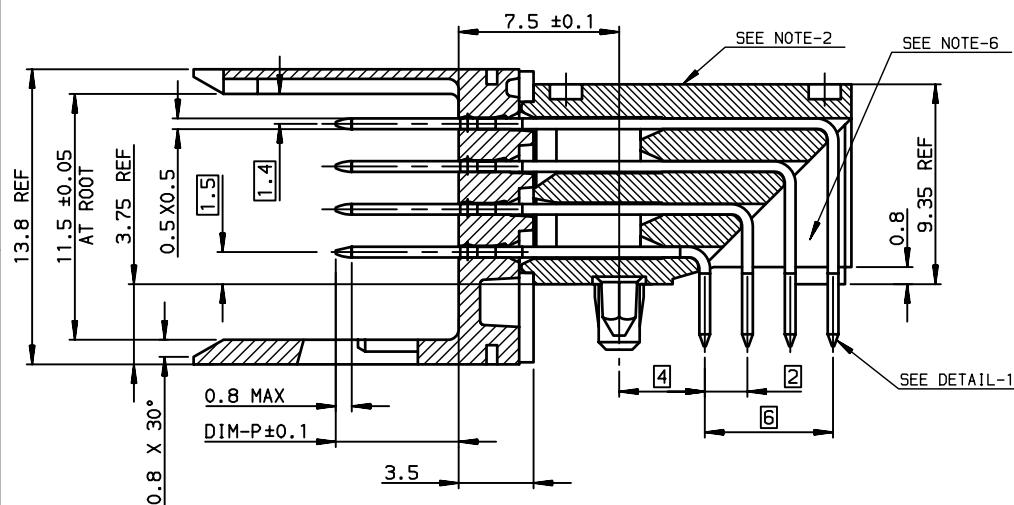


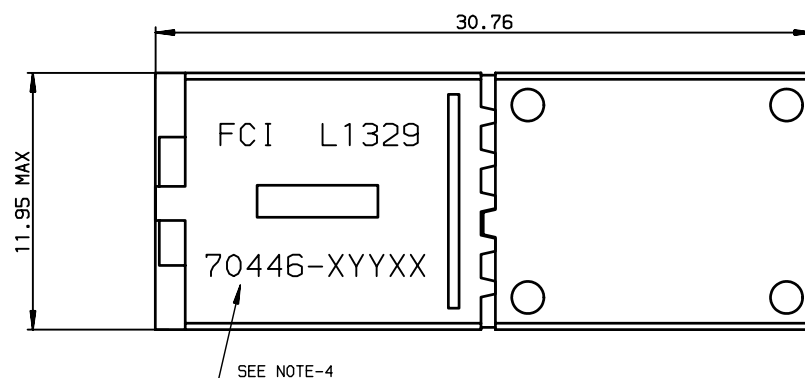
A



B

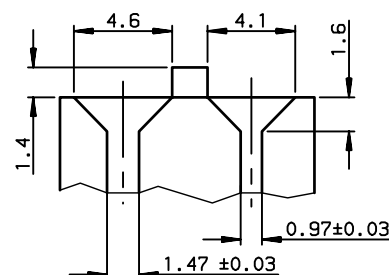


C



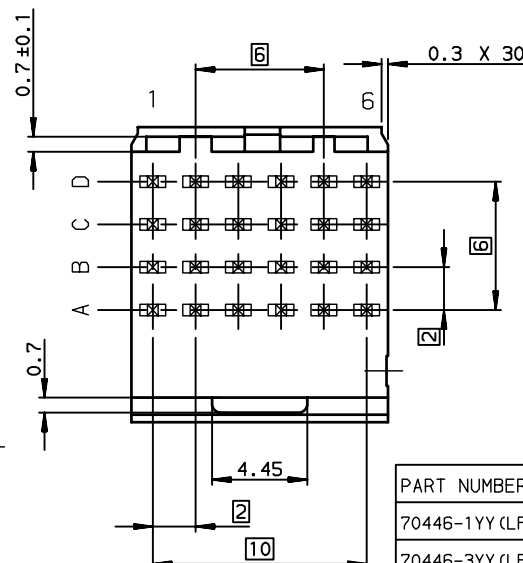
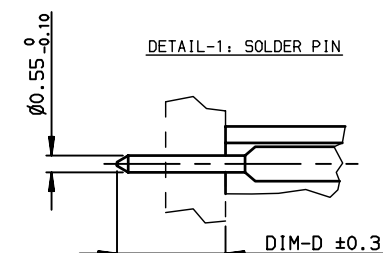
D

DETAIL-3: MATING SLOTS



- NOTE-1: GENERAL CHARACTERISTICS ACCORDING TO GS-12-446
 NOTE-2: ONE CENTER PEG FOR HOLD DOWN FORCE
 NOTE-3: NO CODING RECESS FOR EXTENDED KEYS
 NOTE-4: PRODUCT MARKING = PRODUCT NUMBER + FCI+DATE CODE
 NOTE-5: PLATING ON MATING PART : SEE PRODUCT NUMBER
 NOTE-7: STANDARD PACKAGING IS TUBE ,BUT IF SUFFIX "P" IS ADDED IN P/N,PACKAGING IS IN TRAYS,MARKING IS WITHOUT "P"
 Example:70446-1xxPLF ,marking 704456-1xxLF

DETAIL-1: SOLDER PIN



PART NUMBER	PERFORMANCE LEVEL
70446-1YY(LF)	STANDARD P/N, See Prod. Spec GS-12-446
70446-3YY(LF)	CUSTOMER SPECIAL , Specific Plating
70446-xyy (LF)	

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS

See PRODUCT SPECIFICATION : GS-12-446

OTHERS INFORMATIONS,SEE DRW 70446-2/-3

European Views

rev	ecn no	dr	date
E	-	PCH	2004/01/14
F	LS05-0056	LGO	2005/07/06
G	LS06-0114	LGO	2006/08/10
H	LS07-0134	MLE	2007/05/14
J	LS07-0245	MLE	2007/09/27
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	FETROW	1998/06/09	ANGULAR	LINEAR	0.X	± 0.1	size A3	Scale 4			
Eng	LENOIR	1998/06/09			0.XX	± 0.1					
Chr	LEGARE	1998/06/09			0.XXX	± 0.1					
Appr	LEGARE	1998/06/09	Product family				METRAL	Spec ref -			
			METRAL RA HDR STB CONVERG					dwg no 70446-1		Rev. J	
title			NB 4x6 - 1 MODULE- SPECIAL LOADING								
catalog no			-					CUSTOMER		sheet 1 of 3	



title
NB 4x6 - 1 MODULE- SPECIAL LOADING

no
dwg no

70446-1

Rev.
J

A

B

C

D

LEAD FREE P/N: 70446-X01LF			CTS LOADING PATTERN			
TIN LEAD P/N: 70446-X01			CTS LOADING PATTERN			
DIM-P	1	2	3	4	5	6
ROW-D		5.00		5.00		5.00
ROW-C	5.00				5.00	
ROW-B		5.00		5.00		5.00
ROW-A	5.00				5.00	
DIM-D = 2.9±0.3		NUMBER OF CTS = 10				

(ALSO, REPLACE B-STYLE P/N: 89053-X09)

LEAD FREE P/N: 70446-X02LF			CTS LOADING PATTERN			
TIN LEAD P/N: 70446-X02			CTS LOADING PATTERN			
DIM-P	1	2	3	4	5	6
ROW-D		5.00		5.00		5.00
ROW-C	5.00		5.00		5.00	
ROW-B		5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	5.00	5.00	5.00	5.00
DIM-D = 2.9±0.3		NUMBER OF CTS = 17				

(ALSO, REPLACE B-STYLE P/N: 89053-X01)

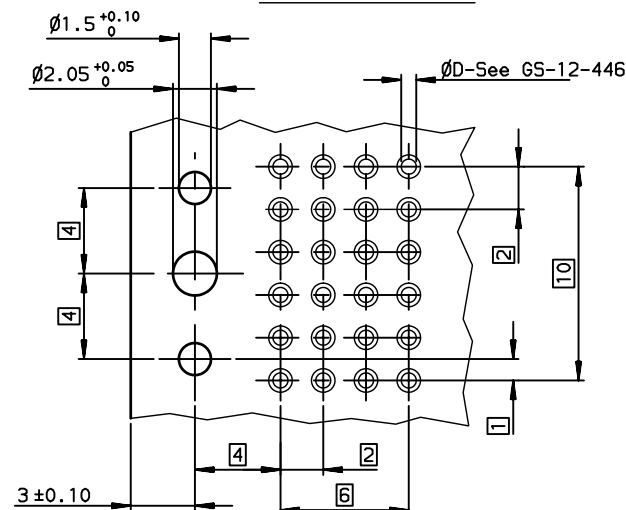
LEAD FREE P/N: 70446-X03LF			CTS LOADING PATTERN			
TIN LEAD P/N: 70446-X03			CTS LOADING PATTERN			
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C	5.75	5.75	5.75	5.75		
ROW-B	5.75	5.75	5.75	5.75		5.75
ROW-A	6.50	6.50	5.00	5.75		5.75
DIM-D = 2.9±0.3		NUMBER OF CTS = 20				

(REPLACE B-STYLE P/N: 89053-X02)

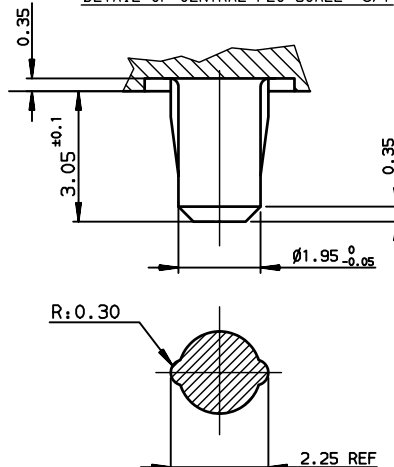
LEAD FREE P/N: 70446-X04LF			CTS LOADING PATTERN			
TIN LEAD P/N: 70446-X04			CTS LOADING PATTERN			
DIM-P	1	2	3	4	5	6
ROW-D	5.75	5.75	5.75	5.75	5.75	5.75
ROW-C	5.75	5.75	5.75	5.75	5.75	5.75
ROW-B	5.75	5.75	5.75			
ROW-A	6.50	6.50	5.00		5.75	5.75
DIM-D = 2.9±0.3		NUMBER OF CTS = 20				

(REPLACE B-STYLE P/N: 89053-X03)

RECOMMENDED PCB LAYOUT

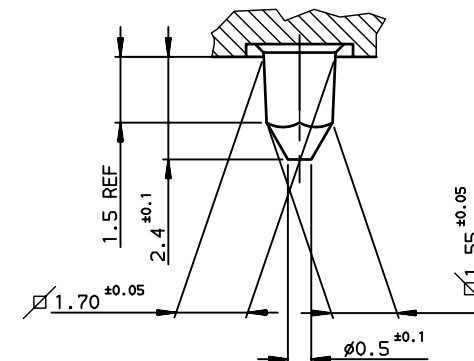


DETAIL OF CENTRAL PEG SCALE 8/1



NOTE-20: PTH DIMENSIONS - ØD
 - DRILL DIAMETER = 0.85 REF AND PLATING
 SEE PRODUCT SPEC. : 65-12-446

DETAIL OF LOCATING PEGS (2x) SCALE 8/1



OTHERS INFORMATIONS, SEE DRW 70446-1/-3

European Views

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	FETROW	1998/06/09	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 4		
Eng	LENOIR	1998/06/09			0.XX	±0.1				
Chr	LEGARE	1998/06/09			0.XXX	±0.1				
Appr	LEGARE	1998/06/09	Product family				METRAL		Spec ref -	
			title METRAL RA HDR STB CONVERG			dwg no 70446-2			Rev J	
			NB 4x6 -1 MODULE- SPECIAL LOADING							
			catalog no -			CUSTOMER			sheet 2 of 3	

LEAD FREE P/N: 70446-X05LF CTS LOADING PATTERN						
TIN LEAD P/N: 70446-X05 CTS LOADING PATTERN						
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00			5.00	5.00
ROW-C	5.00	5.00			5.00	5.00
ROW-B	5.00	5.00			5.00	5.00
ROW-A	5.00	5.00			5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 16				

(REPLACE B-STYLE P/N: 89053-X04)

LEAD FREE P/N: 70446-X08LF CTS LOADING PATTERN						
TIN LEAD P/N: 70446-X08 CTS LOADING PATTERN						
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B		5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	6.50	6.50	5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 21				

(REPLACE B-STYLE P/N: 89053-X07)

LEAD FREE P/N: 70446-X06LF CTS LOADING PATTERN						
TIN LEAD P/N: 70446-X06 CTS LOADING PATTERN						
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00			5.00	5.00
ROW-C	5.00	5.00			5.00	5.00
ROW-B	5.75	5.75			5.75	5.75
ROW-A	5.00	5.00			5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 16				

(ALSO,REPLACE B-STYLE P/N: 89053-X05)

LEAD FREE P/N: 70446-X09LF CTS LOADING PATTERN						
TIN LEAD P/N: 70446-X09 CTS LOADING PATTERN						
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00
ROW-B	5.00	5.00	5.00	5.00	5.00	5.00
ROW-A	5.00	6.50	5.00	6.50	6.50	6.50
DIM-D =2.9±0.3		NUMBER OF CTS = 24				

(ALSO,REPLACE B-STYLE P/N: 89053-X08)

LEAD FREE P/N: 70446-X07LF CTS LOADING PATTERN						
TIN LEAD P/N: 70446-X07 CTS LOADING PATTERN						
DIM-P	1	2	3	4	5	6
ROW-D	5.00		5.00	5.00	5.00	5.00
ROW-C	5.00		5.00	5.00	5.00	5.00
ROW-B			5.00	5.00	5.00	5.00
ROW-A	5.00	5.00	6.50	6.50	5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 20				

(REPLACE B-STYLE P/N: 89053-X06)

LEAD FREE P/N: 70446-X10LF CTS LOADING PATTERN						
TIN LEAD P/N:						
DIM-P	1	2	3	4	5	6
ROW-D	5.00	5.00	5.00	5.00	5.00	5.00
ROW-C	5.00	5.00	5.00	5.00	5.00	5.00
ROW-B	5.00	5.00	6.50	5.00	5.00	5.00
ROW-A	5.00	5.00	6.50	5.00	5.00	5.00
DIM-D =2.9±0.3		NUMBER OF CTS = 24				

European Views

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	FETROW	1998/06/09	ANGULAR	LINEAR	0.X	±0.1	size	A3	Scale 4	
Eng	LENOIR	1998/06/09			0.XX	±0.1				
Chr	LEGARE	1998/06/09			0.XX ±2°	0.XXX	±0.1			
Appr	LEGARE	1998/06/09	Product family				METRAL	Spec ref -		
			title METRAL RA HDR STB CONVERG				no	70446-3		Rev. J
			NB 4x6 -1 MODULE- SPECIAL LOADING				dwg			
			catalog no -				CUSTOMER		sheet 3 of 3	