

NOTE-1: GENERAL CHARACTERISTICS ACCORDING TO GS-12-445  
 NOTE-2: FLAT ROCK TOOL FOR PCB INSERTION  
 NOTE-3: EYE OF THE NEEDLE PRESS-FIT TYPE  
 NOTE-4: PRODUCT MARKING = PRODUCT PART NUMBER + FCI+ DATE CODE  
 NOTE-5: PLATING ON MATING PART : SEE PROD. SPEC GS-12-445  
 NOTE-6: CENTRAL WALL WITH END REAR SUPPORT  
 NOTE-7: STANDARD PACKAGING IS TUBE ,BUT IF SUFFIX "P" IS ADDED  
 IN P/N,PACKAGING IS IN TRAYS,MARKING IS WITHOUT "D"  
 Example: 58363-1xxPLF ,marking 58363-1xxLF

#### GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION : GS-12-445

OTHERS INFORMATIONS,SEE DRW PAGE 2 AND 3

European Views

www.fciconnect.com				surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	CHAMPION	2003/07/15		ANGULAR	0.X	±0.1	size
Eng	LENOIR	2003/07/15		LINEAR	0.XX	±0.1	A3
Chr	LEGARE	2003/07/15	0.XX ±2		0.XXX	±0.1	Scale
Appr	LEGARE	2003/07/15	Product family	METRAL	ECN		4
FCI				Rev. E			
METRAL RA HDR PFIT CONV.				dwg no 58363			
NB 4X6 - PUSH PEG				Rev. E			
catalog no				CUSTOMER sheet 1 of 3			

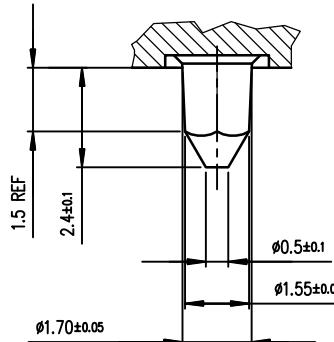
## PART NUMBER / CONTACT LOADING

DIM-P  $\pm 0.10$ 

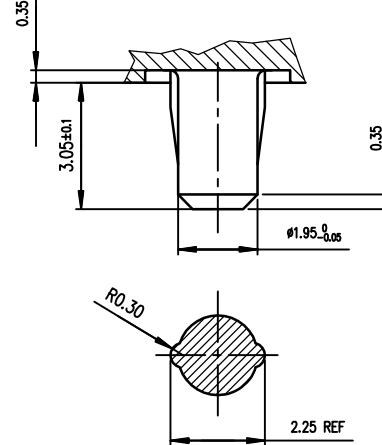
ROW-A ROW-B ROW-C ROW-D

ROW-A	ROW-B	ROW-C	ROW-D	TIN LEAD PART NUMBER	LEAD-FREE PART NUMBER	LOADING CONFIGURATION
5.00	5.00	5.00	5.00	58363-X01	58363-X01LF	FULLY LOADED
5.00	5.75	5.00	5.00	58363-X02	58363-X02LF	
5.00	5.75	6.50	5.00	58363-X03	58363-X03LF	
5.00	5.00	6.50	5.00	58363-X04	58363-X04LF	
5.75	5.75	5.75	5.75	58363-X05	58363-X05LF	
6.50	5.75	5.00	5.75	58363-X06	58363-X06LF	
6.50	6.50	6.50	5.75	58363-X07	58363-X07LF	
6.50	5.75	6.50	5.75	58363-X08	58363-X08LF	
6.50	5.00	5.00	5.00	58363-X09	58363-X09LF	
5.00	5.00	5.00	5.00	58363-X11	58363-X11LF	SEE PAGE 3 TABLE
5.00	5.00	5.00	5.00	58363-X21	58363-X21LF	SEE PAGE 3 TABLE

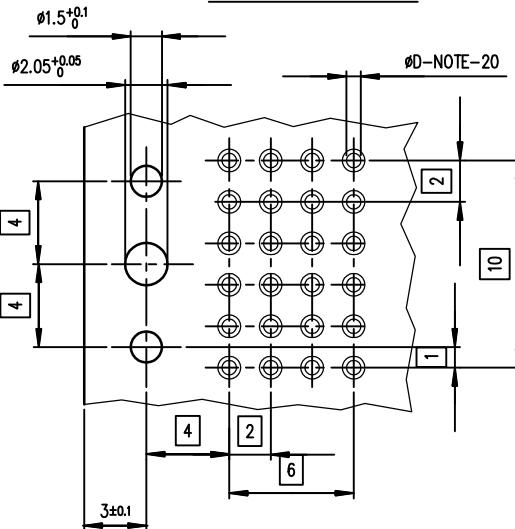
## DETAIL OF LOCATING PEGS (2x) SCALE 8/1



## DETAIL OF CENTRAL PEG SCALE 8/1



## RECOMMENDED PCB LAYOUT



PART NUMBER	PERFORMANCE LEVEL
58363-1yy(LF)	STANDARD P/N, See Prod. Spec GS-12-445
58363-3yy(LF)/Xyy(LF)	Customer Special, Specific Plating

NOTE-20: PTH DIMENSIONS - ØD  
 - DRILL DIAMETER = (0.85 REF) and Plating  
 See Product Spec : GS-12-445

OTHERS INFORMATIONS,SEE DRW PAGE 1 AND 3

rev	ecn no	dr	date
E			

www.fciconnect.com				surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
Dr	CHAMPION	2003/07/15	ANGULAR	LINEAR	0.X	±0.1	size
Eng	LENOIR	2003/07/15	0.XX	±0.1	0.XX	±0.1	A3
Chr	LEGARE	2003/07/15	0.XX	±0.1	0.XXX	±0.1	ECN
Appr	LEGARE	2003/07/15	Product family	METRAL	Spec ref	-	
FCI				METRAL RA HDR PFIT CONV NB 4X6 - PUSH PEG			
catalog no				dwg no			
58363				Rev. E			
CUSTOMER sheet 2 of 3							

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A

PRODUCT NO	ROW	6	5	4	3	2	1
	D	X	-	X	X	X	X
	C	X	-	X	X	X	X
	B	-	-	X	X	-	-
	A	X	-	X	X	-	X

B

58363-X21	D	X	-	X	-	X	-
58363-X21LF	C	-	X	-	X	-	X
	B	X	-	X	-	X	-
	A	-	X	-	X	-	X

## LOAD PATTERN

X	LOADED
-	NOT LOADED

C

A

B

C

European Views

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	CHAMPION	2003/07/15	ANGULAR	0.X	±0.1	size
Eng	LENOIR	2003/07/15	LINEAR	0.XX	±0.1	A3
Chr	LEGARE	2003/07/15		0.XXX	±0.1	Scale
Appr	LEGARE	2003/07/15	Product family	METRAL	ECN	4
					Spec ref	-
<b>FCI</b>	METRAL RA HDR PFIT CONV NB 4X6 - PUSH PEG				dwg no	Rev.
					58363	E
					CUSTOMER	sheet 3 of 3

FCI

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D

D

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Authorized Distributor

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[FCI / Amphenol:](#)

[58363-111LF](#) [58363-121LF](#)