



Copyright FCI

A

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C

D

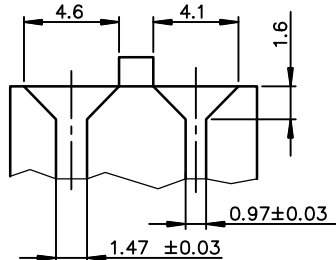
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B

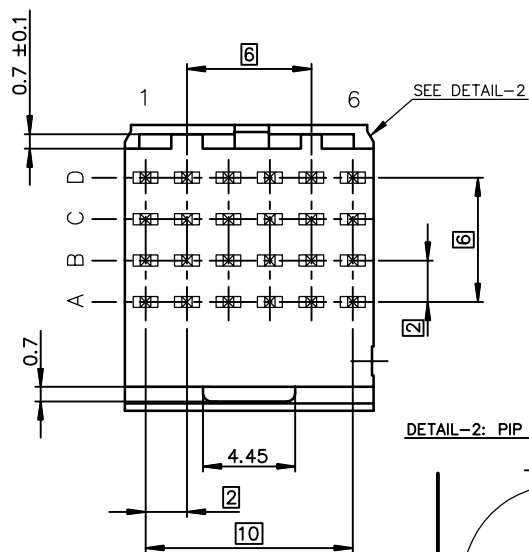
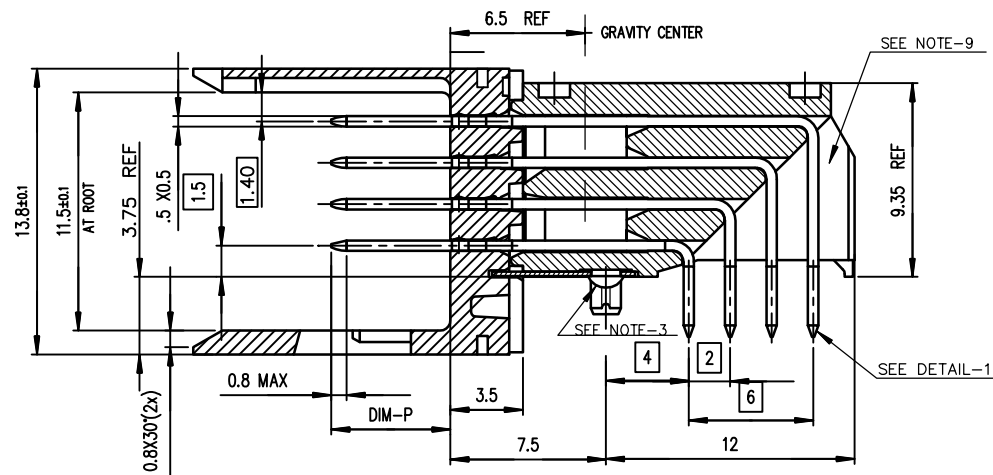
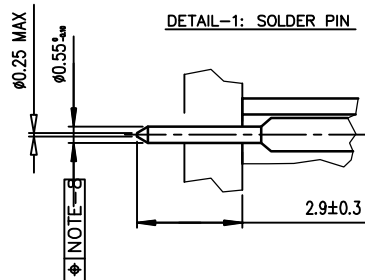
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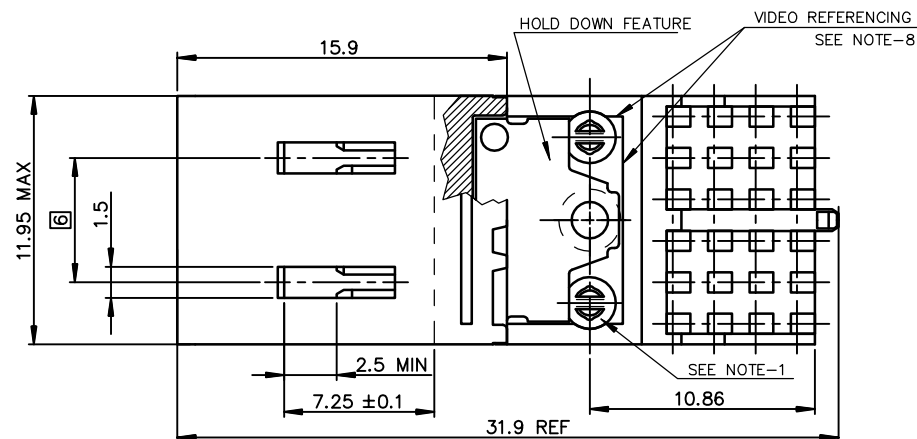
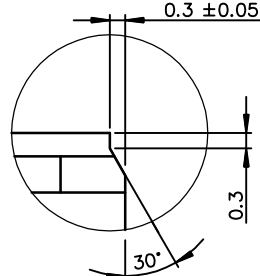
DETAIL-3: MATING SLOTS



DETAIL-1: SOLDER PIN



DETAIL-2: PIP CHAMFER SCALE 10/1



GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

See PRODUCT SPECIFICATION: GS-12-446

NOTE-1: SPRING PEGS WITH LOW INSERTION FORCE 20 N PER MODULE

RETENTION FORCE * 10 N PER MODULE

NOTE-2: ONE HEAT STAKE PEG FOR HDF FIXING

NOTE-3: USE EXISTING CABLE TO BOARD CODING KEYS

NOTE-4: PLATING ON MATING PART, SEE PRODUCT SPEC: GS-12-446

NOTE-5: PRODUCT MARKING = PRODUCT PART NUMBER + FCI+DATE CODE

NOTE-6: TRUE POS CONTROL WITH GRID GAUGE Ø0.65 + WEIGHT 10 N

TRUE POS TOLERANCES ACCORDING TO MOUNTING RANGE = ±0.35 (X AND Y)

NOTE-7: CENTRAL WALL WITH END REAR SUPPORT

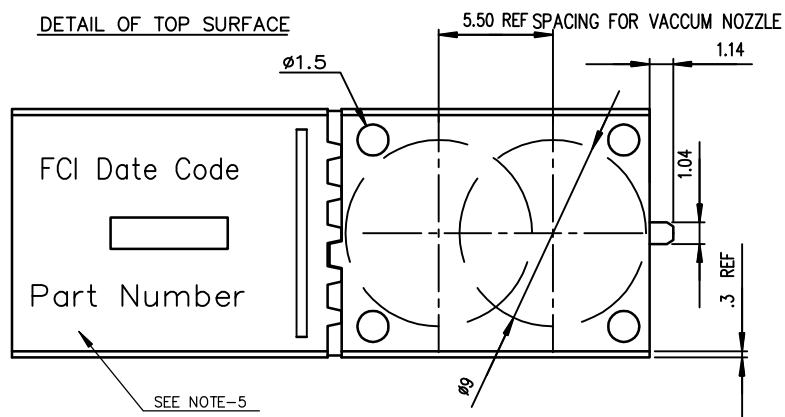
NOTE-8: VIDEO REFERENCING ON LISIBLE+ACCURATE SHARP PLASTIC EDGES

OTHERS INFORMATIONS, SEE SHEET 2/3/4

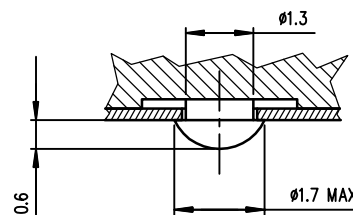
LEAD-FREEPART NUMBER	PERFORMANCE LEVEL
10114942-101LF	STANDARD P/N, See Prod. Spec GS-12-446

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	Heaven Cen	2010/05/21	ANGULAR	LINEAR	0.X		±0.3		size A3	Scale 4	
Eng	Heaven Cen	2010/05/21			0.XX		±0.13				
Chr	PM Zheng	2010/05/21			0.XXX		±0.051				
Appr	Joseph Hsia	2010/05/21	Product family		METRAL		ECN				
							Spec ref -				
			title METRAL RA HDR PIP CONVERG NB 4X6 - WITH HDF				dwg no 10114942		Rev A		
			catalog no -				CUSTOMER		sheet 1 of 4		

DETAIL OF TOP SURFACE



DETAIL OF CENTRAL HEAT STAKE PEG - SCALE 10/1

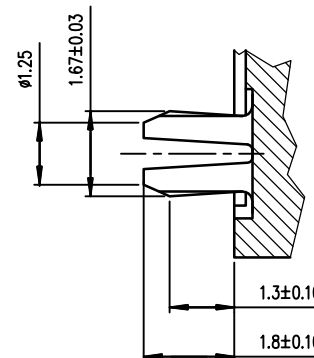
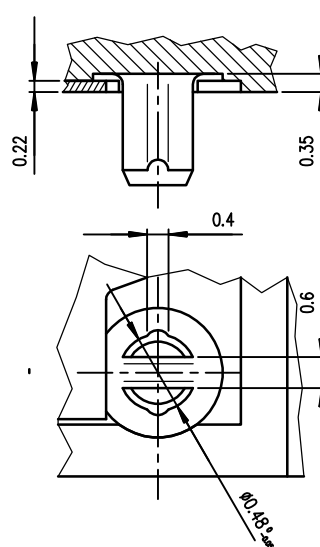
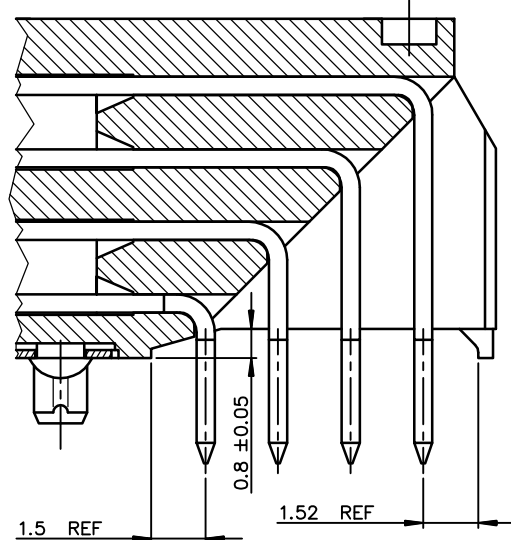


SPECIFIC DATAS: CONTACT LOADING SEE TABLE-1 & 2

TABLE-2

PART NUMBER	ROW	CONTACT CODE CONFIGURATION					
		1	2	3	4	5	6
10114942-X01LF	D	02	02	02	02	02	02
	C	02	02	02	02	02	02
	B	02	02	02	02	02	02
	A	02	02	02	02	02	02

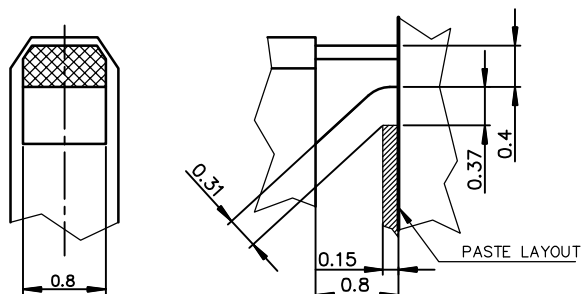
DETAIL OF STAND-OFF SCALE-7/1



CONTACT CODE	
DIM-P	
01	5.00
02	5.75
03	6.50
—	NO CONTACT

TABLE-1

DETAIL OF REAR SUPPORT SCALE-20/1



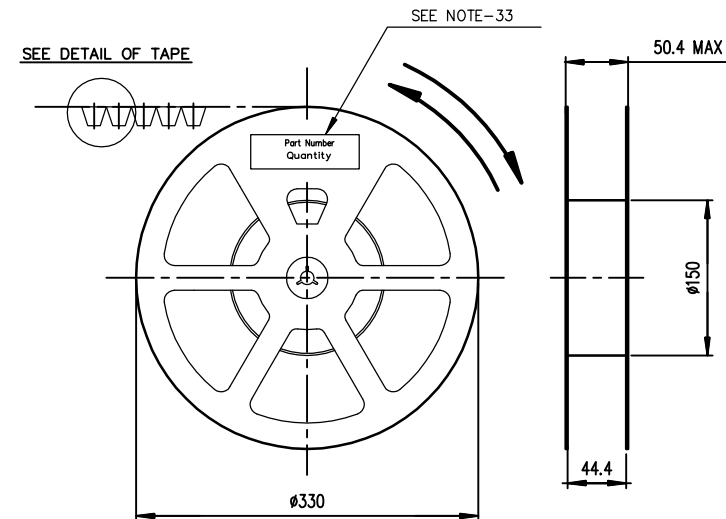
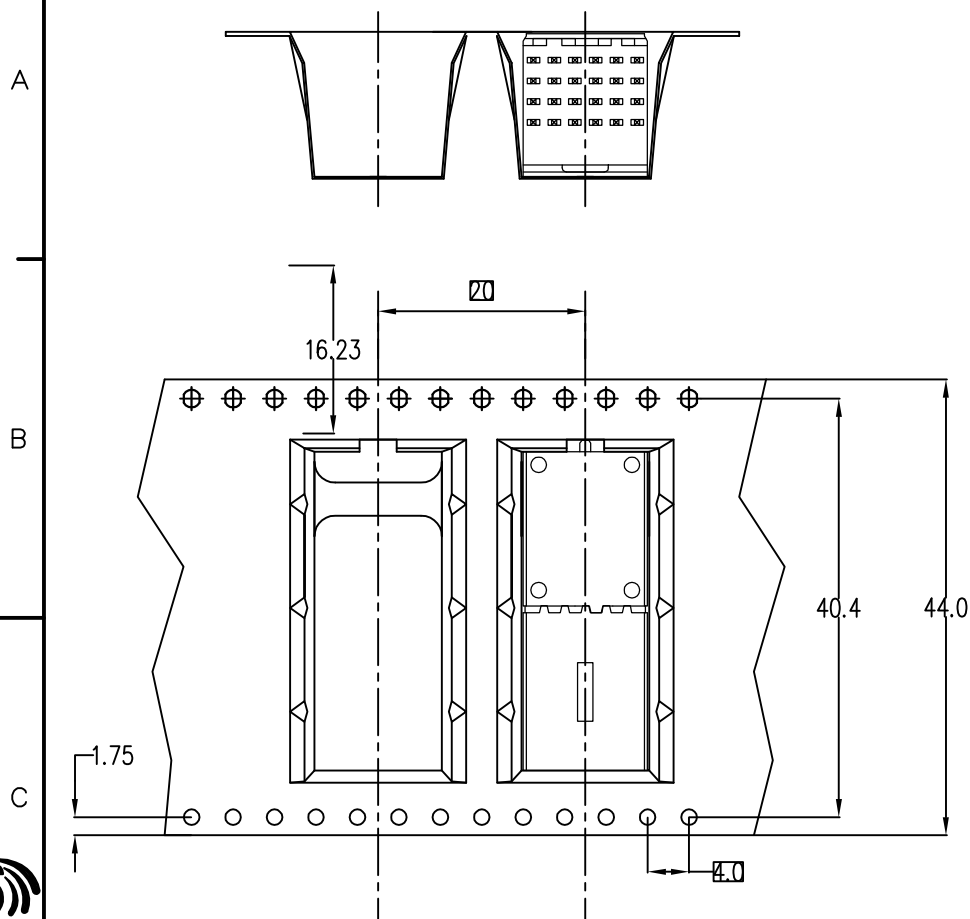
DETAIL OF RETENTION PEGS (2x) SCALE 10/1

OTHERS INFORMATIONS,SEE DRW 1/-3/-4

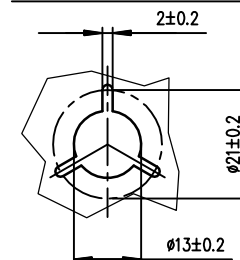
www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	Heaven Cen	2010/05/21	ANGULAR	0.X	±0.3
Eng	Heaven Cen	2010/05/21		0.XX	±0.13
Chr	PM Zheng	2010/05/21		0.XXX	±0.051
Appr	Joseph Hsia	2010/05/21	0.XX ± 2	Product family	
			METRAL		Spec ref -
FCI			title		Rev.
			METRAL RA HDR PIP CONVERG		10114942
			NB 4X6 - WITH HDF		A
			catalog no		CUSTOMER
					sheet 2 of 4

PACKAGING SPECIFICATION

DETAIL OF REEL SCALE 1/5



DETAIL OF REEL HUB SCALE 1/1



NOTE-30: REF SPECIFICATION: EIA-481-B

NOTE-31: TAPE MATERIAL: PVC ANTISTATIC

SURFACE RESISTIVITY 10^{12} OHMS/SQUARE AFTER HEAT FORMING
CARRIER P/N: 10097632-006 COVER TAPE P/N: 10097632-007

NOTE-32: PACKAGING QTY: PACKAGING MATERIAL DETAIL INFORMATION PLEASE REFER TO DRAWING OF 10097632

- QTY PER REEL(P/N:10097632-005) = 120 PCS

- QTY PER BOX (P/N:10097632-004) = 6 REELS = 720 PCS

NOTE-33: LABEL FOR IDENTIFICATION: PART NUMBER,DATE-CODE,TRACABILITY INFORMATIONS

NOTE-34: RECYCLABLE MATERIAL FOR REEL + ANTISTATIC TREATMENT

OTHERS INFORMATIONS,SEE DRW 58360 SHEET 1/2/3

European Views

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A3	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Heaven Cen	2010/05/21	ANGULAR	0.X	±0.3	size
Eng	Heaven Cen	2010/05/21		0.XX	±0.13	A3
Chr	PM Zheng	2010/05/21		0.XXX	±0.051	ECN
Appr	Joseph Hsia	2010/05/21	Product family			Spec ref -
FCI			METRAL RA HDR PIP CONVERG			Rev.
title			NB 4X6 - WITH HDF			A
catalog no			-			
			CUSTOMER			sheet 4 of 4

PDM: Rev:A

STATUS: Released

Printed: May 19, 2011