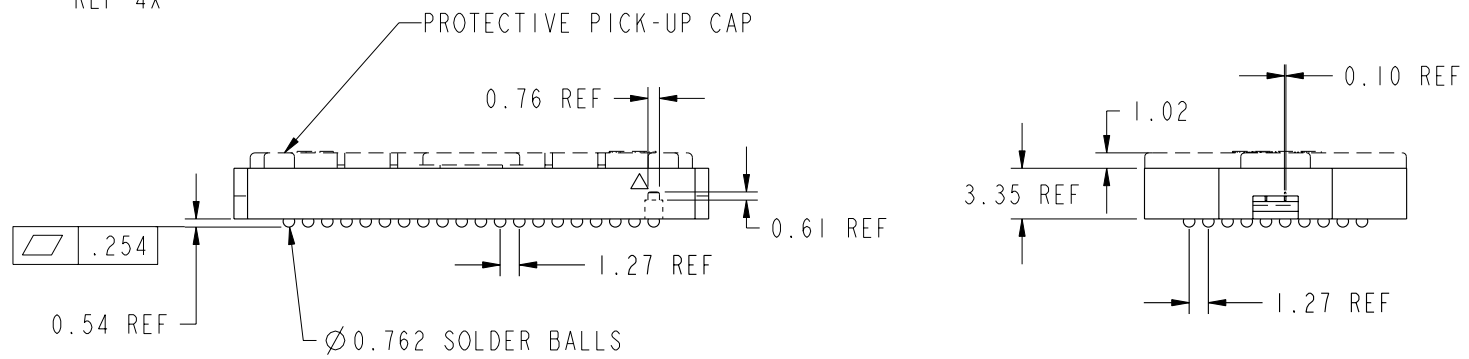
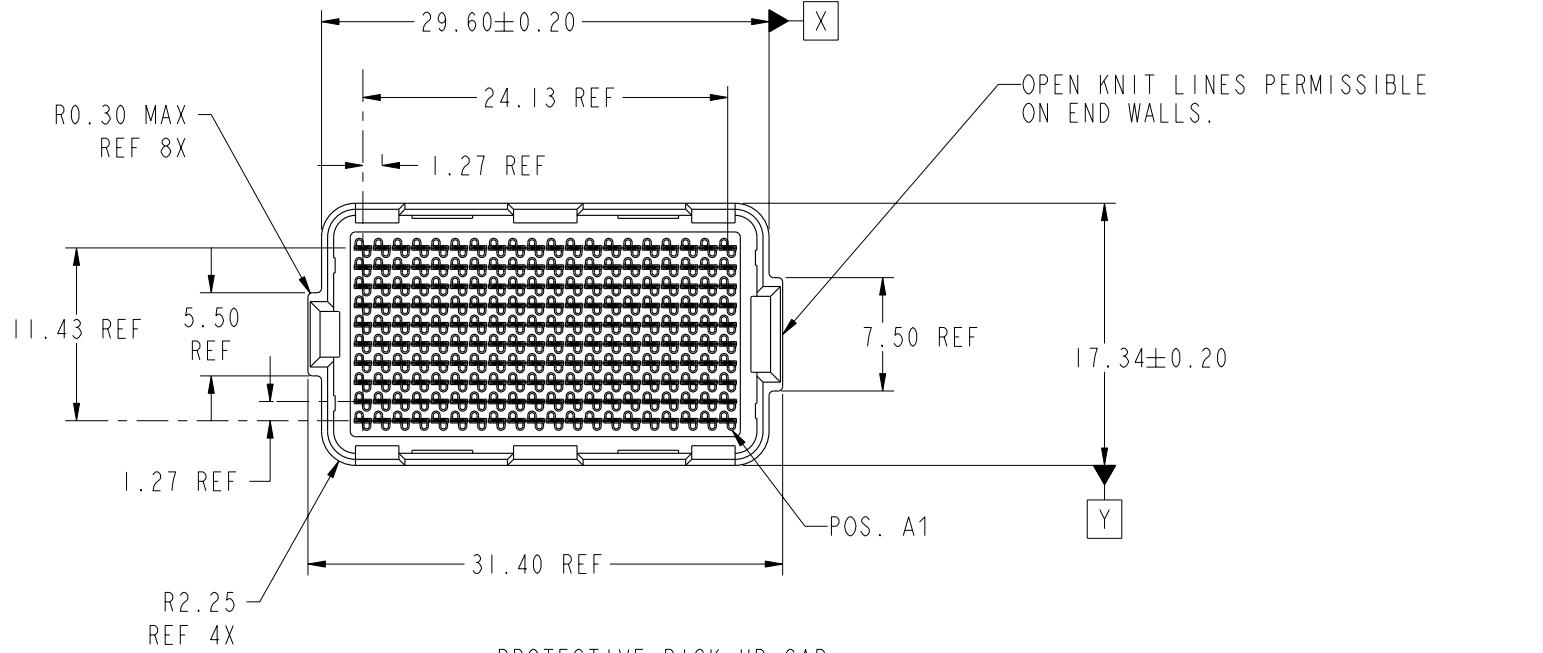




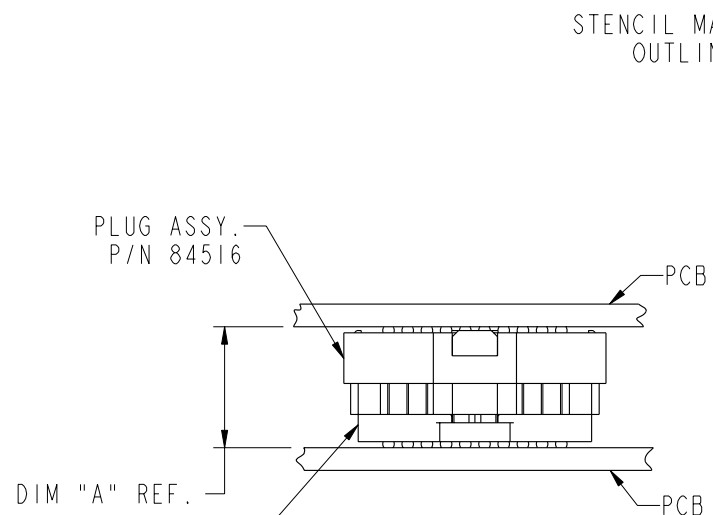
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NOTE 2  

⊕	Ø0.30	X	Y
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mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
A	V10242	DRW	11-15-01		0.XX ±0.10		MM			0mm PLUG ASSY. 10x20=200 POS.	
C	V03-0680	DAI	06/20/03	angles	0.XXX ±0.050		scale		product family		
D	V04-0940	VS	10/09/04		0° ±2°		2:1		MEG-ARRAY		
E	V06-0560	LP	2006/07/14	chr	J. KONTOS	11-15-01	size		code		
				appd	J. KONTOS	11-15-01	A		213		
sheet index				revision sheet	E 1	E 2	E 3	E 4	E 5	1 of 5	



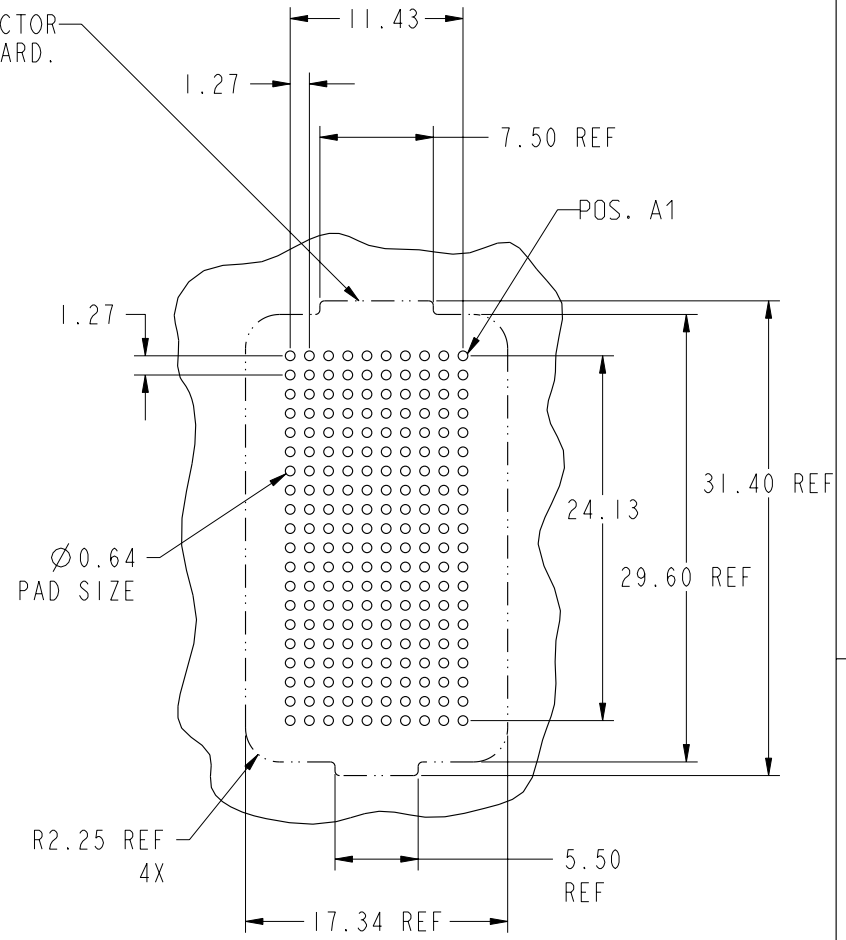
### END VIEW - MATED CONNECTORS

MATED HEIGHT AFTER REFLOW IS BASED ON  $\varnothing 0.64$ mm PAD (METAL DEFINED) AND 0.13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

RECPT. ASSY. (SEE TABLE BELOW)

MATED HEIGHT TABLE		
DIM "A"	RECPT. ASSY. P/N	-2XX PLATING
4.0	84517	SEE NOTE 4
6.0	55724	SEE NOTE 5
8.0	84535	SEE NOTE 5

STENCIL MATED CONNECTOR OUTLINE ONTO BOARD.



### BOARD PATTERN

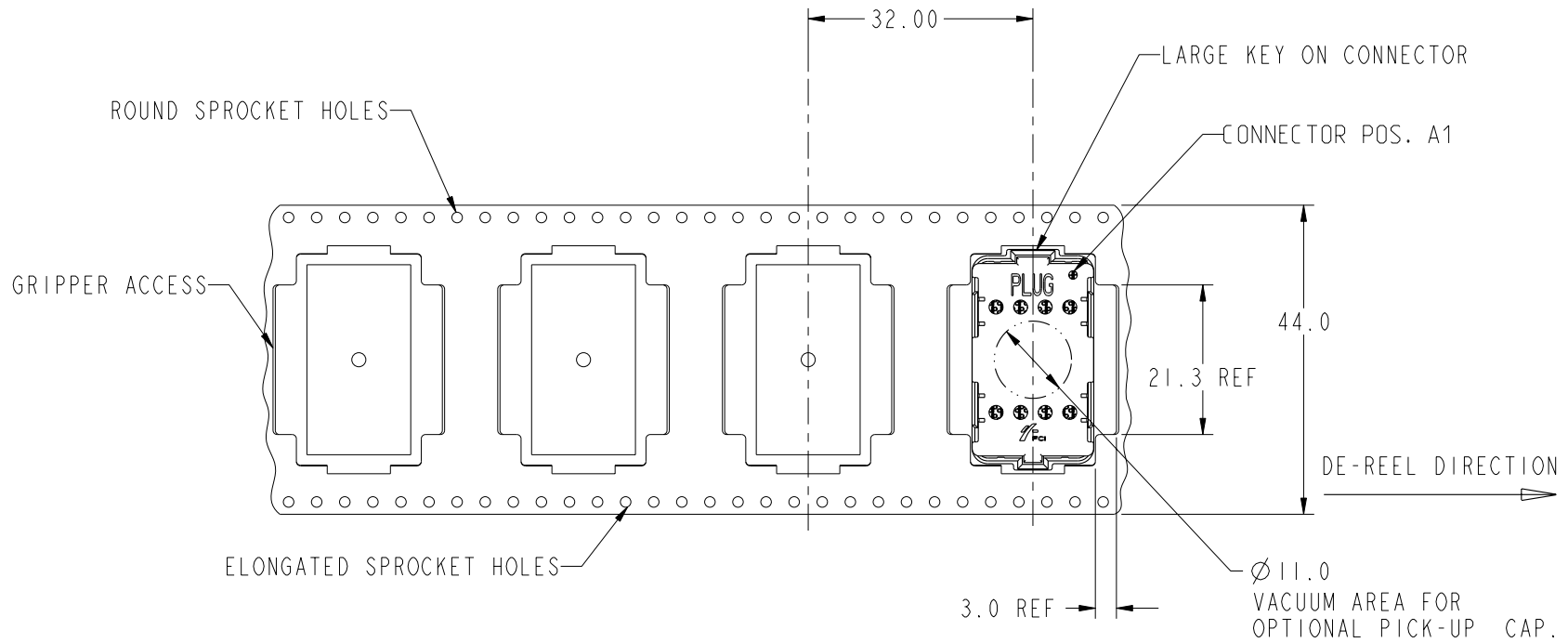


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mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY			title	
E					0.XX ± 0.10		MM			0mm PLUG ASSY.	
					0.XXX ± 0.050		2:1			10x20=200 POS.	
				angles	0° ± 2°		scale		product family		
				dr	D. WAUGHEN	11-15-01	A		MEG-ARRAY		
				engr	J. KONTOS	11-15-01	A		code		
				chr	J. KONTOS	11-15-01	A		size		
				appd	J. KONTOS	11-15-01	A		dwg no		
sheet index		revision sheet						A		84516	
										213	
										sheet	
										2	



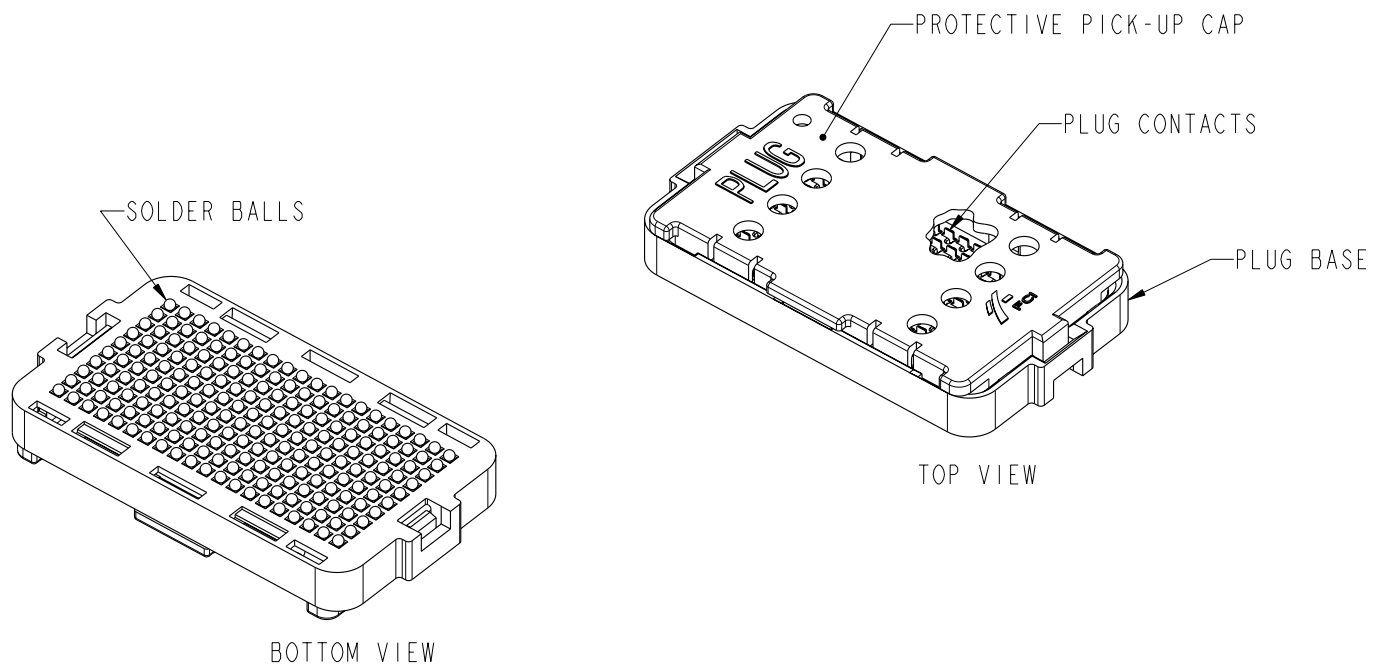
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**TAPE & REEL PACKAGING**  
PER EIA 481-3

mat'l code		SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
E					0.XX ±0.10	projection		0mm PLUG ASSY. 10x20=200 POS.	
				angles	0.XXX ±0.050			product family	
				dr	0° ±2°			MEG-ARRAY	
				engr	D. WAUGHEN 11-15-01	scale		code	
				chr	J. KONTOS 11-15-01	1:1		213	
				appd	J. KONTOS 11-15-01			sheet	
sheet index		revision sheet						3	
								3	

PRODUCT NO.	PICK-UP CAP		SOLDER BALL
84516-002	YES	15"(.38) Au OVER Ni	SnPb
84516-002LF			SnAgCu LEAD FREE (7)(8)
84516-102	YES	30"(.76um) Au OVER Ni	SnPb
84516-102LF			SnAgCu LEAD FREE (7)(8)
84516-202	YES	SEE MATED HEIGHT TABLE ON SHEET 2	SnPb
84516-202LF			SnAgCu LEAD FREE (7)(8)



mat'l code		SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	title		
E					0.XX ±0.10		0mm PLUG ASSY.		
				angles	0.XXX ±0.050		10x20=200 POS.		
				dr	0° ±2°	MM	product family	MEG-ARRAY	code
				enr	D. WAUGHEN 11-15-01		size	dwg no	213
				chr	J. KONTOS 11-15-01	2:1	A	84516	sheet
				appd	J. KONTOS 11-15-01				4
sheet index	revision sheet								




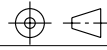
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NOTES:

- ① MAT'L:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
  
PLATING CONTACT: SEE TABLE ON SHEET 4  
SOLDER BALL: SEE TABLE ON SHEET 4  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/4Ag/0.5Cu
- ② SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- ③ MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE & SOLDER PASTE.
- ④ PLATING FOR INDICATED -2XX SERIES PART NOS. MEETS THE REQUIREMENTS OF NORTEL NPS25298-2 (CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).
- ⑤ PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.
- 6. SEE SK-47384 FOR MATING RESTRICTIONS WITH EARLIER DESIGN VERSIONS.
- ⑦ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROSESS DUE TO A HIGHER REFLOW TEMPERATURE LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI FCI APPLICATION SPECIFICATION
- ⑧ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION



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mat'l code				material_code			tolerances unless otherwise specified			CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear				COPY		title 0mm PLUG ASSY. 10x20=200 POS.			
E	-	-	-					projection					
				angles						product family MEG-ARRAY code 213			
				dr	D. WAUGHEN	11-15-01	MM		size		dwg no		
				enr	J. KONTOS	4-17-01	← MM →		A		84516		
				chr	J. KONTOS	11-15-01	scale		2:1		sheet 5		
				appd	J. KONTOS	11-15-01							
sheet index		revision sheet											

cage code 22526 4