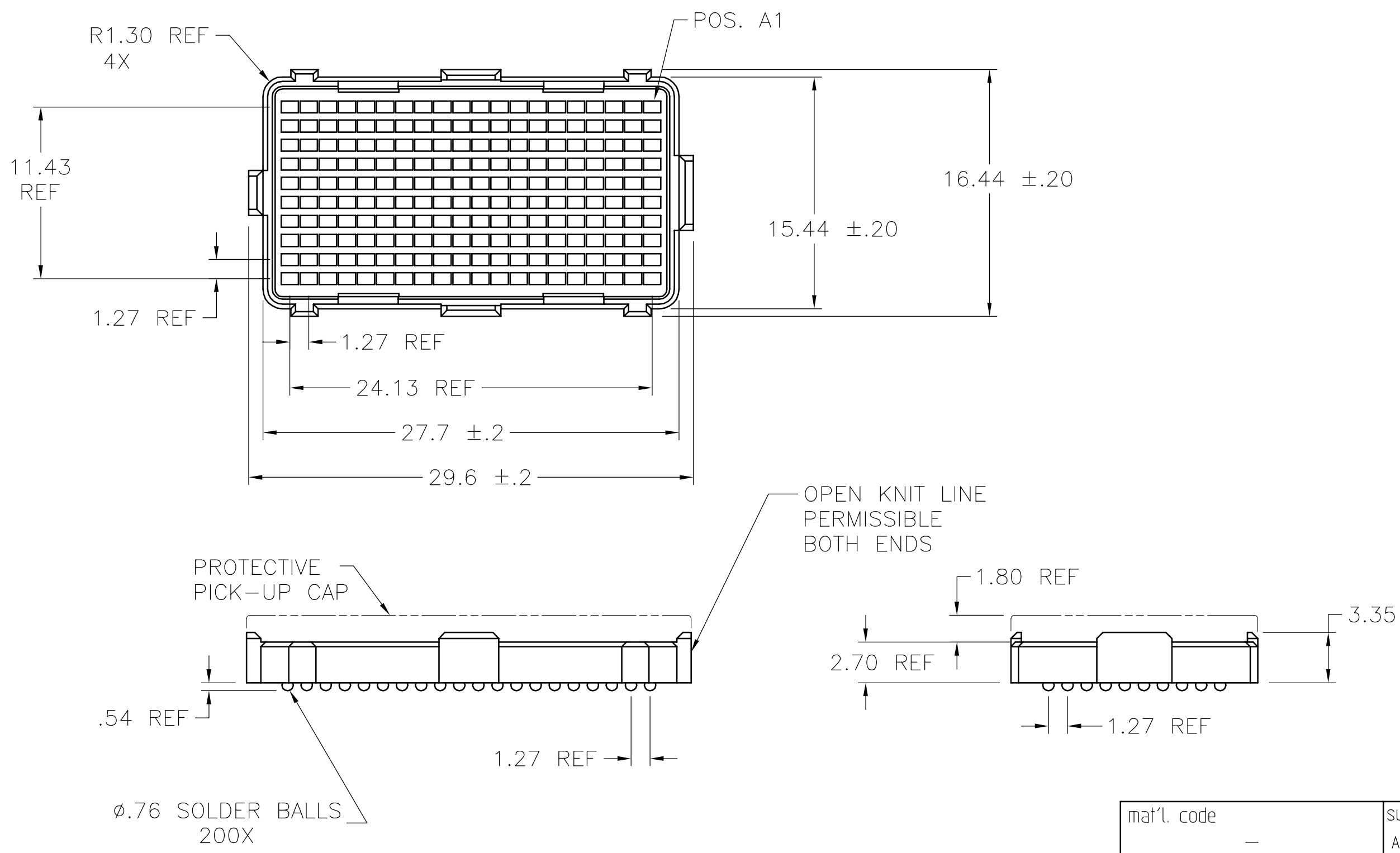
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PRODUCT No.	PICK-UP CAP	CONTACT PLATING	SOLDER BALL
84517-001	YES	15u" (.38um) Au OVER Ni	SnPb
84517-001LF			SnAgCu LEAD FREE (5)(6)
84517-101	YES	30u" (.76um) Au OVER Ni	SnPb
84517-101LF			SnAgCu LEAD FREE (5)(6)
84517-201	YES	SEE NOTE 4.	SnPb
84517-201LF			SnAgCu LEAD FREE (5)(6)



mat'l. code	surface	tolerance	projection	product family
–	ASME Y14.5	ASME Y14.5		MEG-Array

ltr	ecn no	dr	date
A	EC-V10246	DRW	12.19.01
B	V20949	DAI	8.15.02
C	V03-0680	DAI	06/19/03
D	V04-0940	VS	10/18/04
E	V05-1071	DAI	12/21/05
F	V06-0560	LP	7/14/06

tolerances unless otherwise specified: angles 0° ±2°; linear .X ±.3, .XX ±.10, .XXX ±.050

MM — scale 1:1

dr	D.WAUGHEN	9.9.99
engr	B.SPINK	9.9.99
chr	B.SPINK	9.9.99
appd	B.SPINK	9.9.99

title: 4.0mm RECPT. ASSY
10 X 20 = 200 POS.

dwg no: 84517 — sheet 1 of 3 — size A4

type: CUSTOMER Drawing

sheet	revision	F	F	F
index	sheet	1	2	3

form: A4mmXLc

PDM: Rev:F STATUS: Released Printed: Jul 31, 2006

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NOTES:

1. MAT'L

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET1)
SOLDER BALL: (SEE TABLE ON SHEET1)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. OVERALL BOARD–TO–BOARD STACK HEIGHTS AVAILABLE USING THIS CONNECTOR (84517):

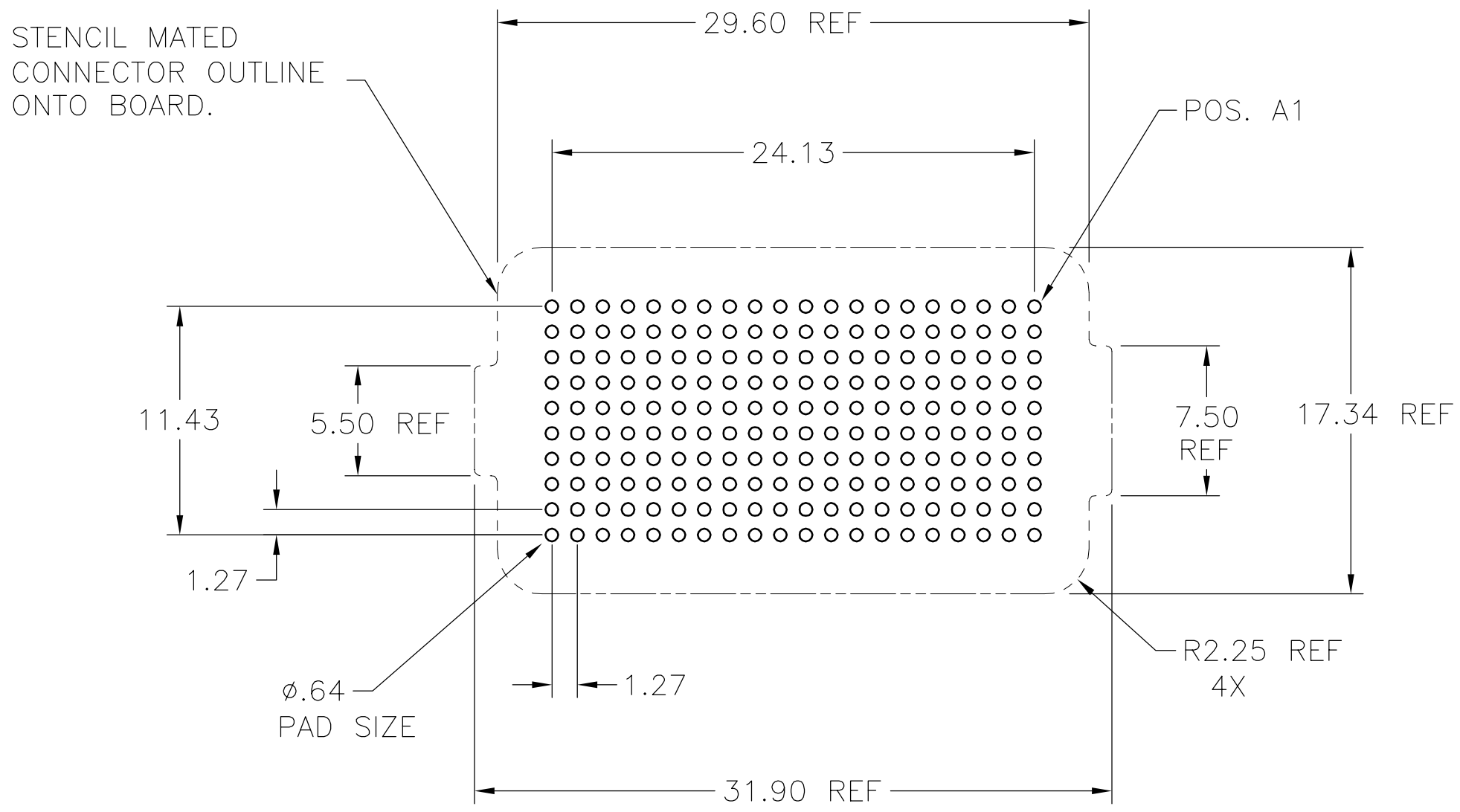
MATED HEIGHT	WITH PLUG P/N
4mm	84516
10mm	84530

3. SEE SK–47384 FOR MATING RESTRICTIONS WITH EARLIER DESIGN VERSIONS.

4. PLATING FOR –2XX SERIES DASH NOS. MEETS THE REQUIREMENTS OF NORTEL NPS25298–2 (CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).

5. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS–20–033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THERFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES 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



BOARD PATTERN

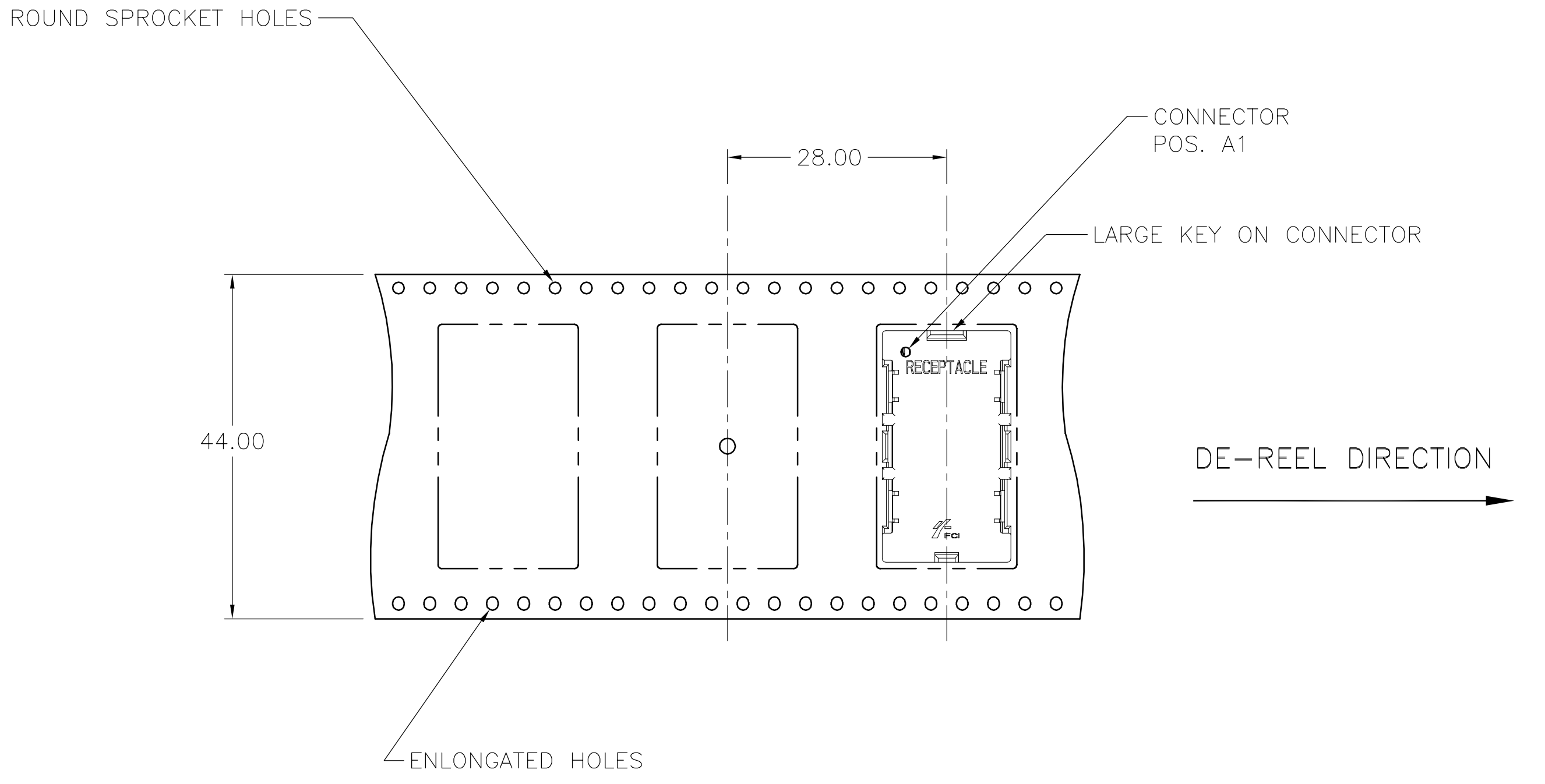
mat'l. code	surface	tolerance	projection	product family
–	ASME Y14.5	ASME Y14.5		MEG–Array
ltr / ecn no / dr / date: F	tolerances unless otherwise specified		MM	title: 4.0mm RECPT. ASSY 10 X 20 = 200 POS.
	angles 0° ±2°	linear .X ±.3 .XX ±.10 .XXX ±.050	scale 1:1	
	dr	D.WAUGHEN 9.9.99		dwg no 84517, sheet 2 of 3, size A4
	engr	B.SPINK 9.9.99		
	chr	B.SPINK 9.9.99		
	appd	B.SPINK 9.9.99		type CUSTOMER Drawing
sheet index	revision sheet			

form: A4mmXLc

PDM: Rev:F STATUS: Released Printed: Jul 31, 2006

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mat'l. code: –	surface: ASME Y14.5	tolerance: ASME Y14.5	projection
product family	MEG-Array		
title	4.0mm RECPT. ASSY 10 X 20 = 200 POS.		
tolerances unless otherwise specified	angles 0° ±2°	linear .X ±.3, .XX ±.10, .XXX ±.050	MM, scale 1:1
dr	D.WAUGHEN	9.9.99	
engr	B.SPINK	9.9.99	
chr	B.SPINK	9.9.99	
appd	B.SPINK	9.9.99	
dwg no	84517	sheet 3 of 3	size A4
type	CUSTOMER Drawing		

ltr	ecn no	dr	date
F			

sheet index | revision sheet

form: A4mmXLc

PDM: Rev:F STATUS: Released Printed: Jul 31, 2006