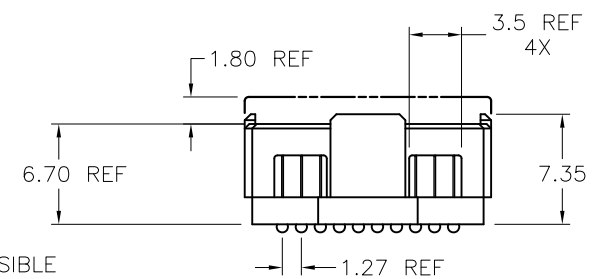
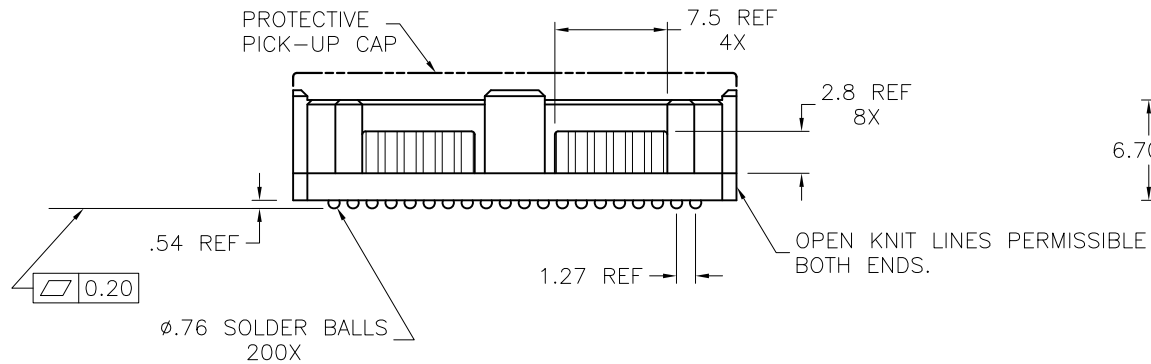
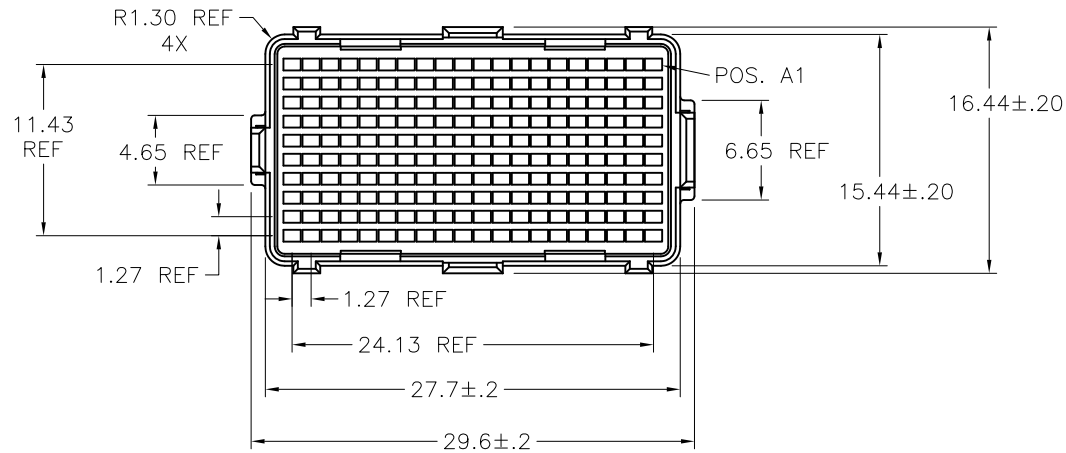
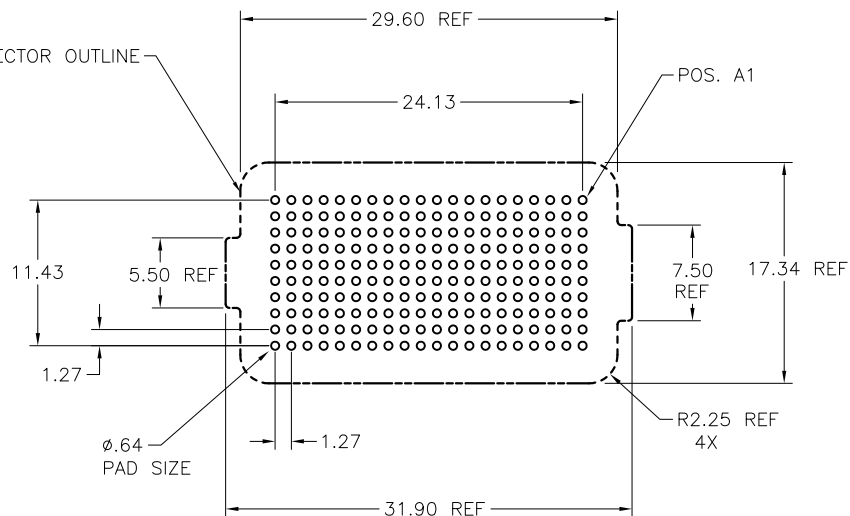


PRODUCT NUMBER
 SEE TABLE—SHEET 3


mat'l. code				surface		tolerance	projection	product family	
SEE NOTE 1				ASME Y14.5	ASME Y14.5	ASME Y14.5		MEG-Array	
ltr	ecr no	dr	date	tolerances unless otherwise specified			MM	title	
H	V-012333	SJ	2002-08-06	angles	° ±2'	X ±3		8.0mm RECEPTACLE ASSEMBLY	
J	V12-0034	SM	2002-09-27			XX ±10	scale 1:1	10 X 20 = 200 POSITIONS	
K	V12-0049	DCH	2002-12-11			XXX ±050		dwg no	
—	—	—	—	dr	D. WAUGHEN	1999-09-07		sheet 1 of 3	
E	V06-0560	LP	2006-07-14	engr	B. SPINK	1999-09-07		84535	
F	V07-0641	LP	2007-10-23	chr	B. SPINK	1999-09-07		A4	
G	V11-0030	HTB	2011-06-16	appd	B. SPINK	1999-09-07		type CUSTOMER Drawing	
sheet	revision	K	K	K					
index	sheet	1	2	3					

PRODUCT NUMBER
 SEE TABLE--SHEET 3

 STENCIL MATED CONNECTOR OUTLINE
 ONTO BOARD.


NOTES:

① MATERIAL:

 HOUSING: LCP
 CONTACT: COPPER ALLOY

PLATING:

 CONTACT: (SEE TABLE ON SHEET 3)
 SOLDER BALL: (SEE TABLE ON SHEET 3)
 EUTECTIC SnPb OR LEAD FREE
 95.5Sn/4Ag/0.5Cu
2. OVERALL BOARD-TO-BOARD STACK HEIGHTS
AVAILABLE USING THIS CONNECTOR (84535):

MATED HEIGHT	WITH PLUG P/N
8mm	84516
14mm	84530



③ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS ON THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.

④ 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 THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.

BOARD PATTERN

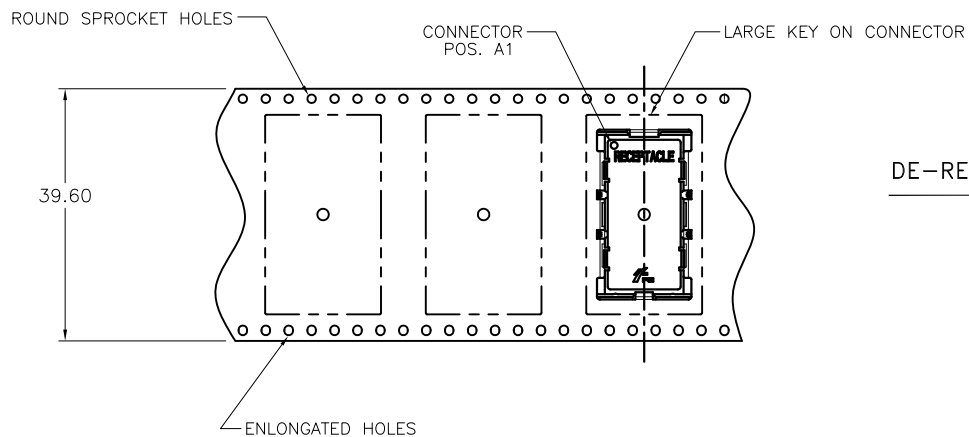
⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

⑥ 84535-A01 AND -A01LF ARE CUSTOMER SPECIALS.

 8. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family MEG-Array
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
K				angles	X ±3 XX ±10 XXX ±050	MM	8.0mm RECEPTACLE ASSEMBLY 10 X 20 = 200 POSITIONS
				0° ±2'		scale 1:1	dwg no
				dr	D. WAUGHEN 1999-09-07		sheet 2 of 3
				engr	B. SPINK 1999-09-07		size
				chr	B. SPINK 1999-09-07		84535
				appd	B. SPINK 1999-09-07		A4
sheet index	revision sheet						type CUSTOMER Drawing

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84535-001	YES	15 μ " (0.38 μ m) Au	SnPb	
84535-001LF	YES	15 μ " (0.38 μ m) Au	LEAD FREE	5
84535-091	YES	15 μ " (0.38 μ m) GXT	SnPb	
84535-091LF	YES	15 μ " (0.38 μ m) GXT	LEAD FREE	5
84535-101	YES	30 μ " (0.76 μ m) Au	SnPb	
84535-101LF	YES	30 μ " (0.76 μ m) Au	LEAD FREE	5
84535-191	YES	30 μ " (0.76 μ m) GXT	SnPb	
84535-191LF	YES	30 μ " (0.76 μ m) GXT	LEAD FREE	5
84535-201	YES	50 μ " (1.27 μ m) Au SPECIAL	SnPb	3
84535-201LF	YES	50 μ " (1.27 μ m) Au SPECIAL	LEAD FREE	3 and 5
84535-291	YES	50 μ " (1.27 μ m) GXT SPECIAL	SnPb	3
84535-291LF	YES	50 μ " (1.27 μ m) GXT SPECIAL	LEAD FREE	3 and 5
84535-A01	YES	30 μ " / 0.76 μ m SPECIAL	SnPb	6
84535-A01LF	YES	30 μ " / 0.76 μ m SPECIAL	LEAD FREE	5 & 6
84535-301	YES	15μ" (0.38μm) Au SPECIAL	SnPb	6
84535-301LF	YES	15μ" (0.38μm) Au SPECIAL	LEAD FREE	5 & 6
84535-401	YES	30μ" (0.76μm) Au SPECIAL	SnPb	6
84535-401LF	YES	30μ" (0.76μm) Au SPECIAL	LEAD FREE	5 & 6
84535-501	YES	SPECIAL	SnPb	3 & 6
84535-501LF	YES	SPECIAL	LEAD FREE	3, 5 & 6



mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecm no	dr	date	title
K				8.0mm RECEPTACLE ASSEMBLY
				10 X 20 = 200 POSITIONS
				dwg no
				sheet 3 of 3
				size
				84535
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			