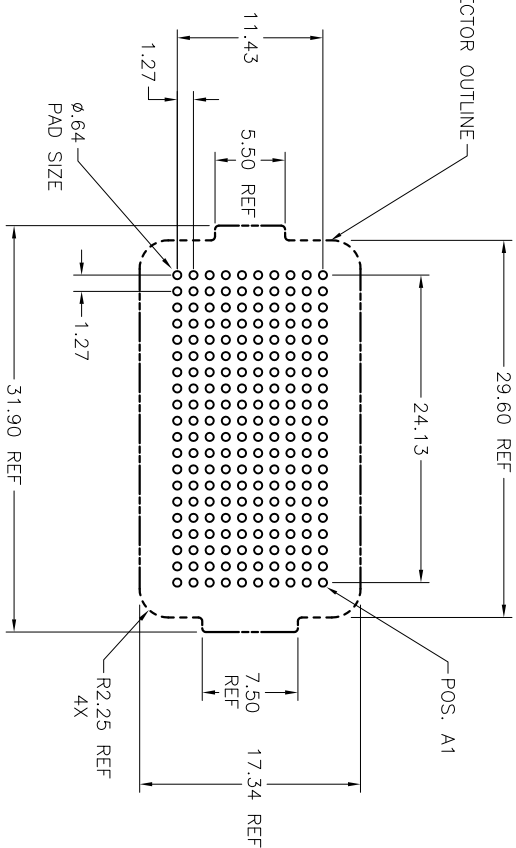


PRODUCT NUMBER
SEE TABLE-SHEET 3STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.

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/0.5Cu2. 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	tolerance	projection	product family
litr	ecn no	dtr	date	ASPE Y4.5	ASPE Y4.5
K				angles	XX *10
				or ±2°	XX *10
				D. WAUGHEN	1999-09-07
				ENG'G	1999-09-07
				DIR	1999-09-07
				APPD	1999-09-07
				B. SPINK	1999-09-07
sheet	revision				
index	sheet				

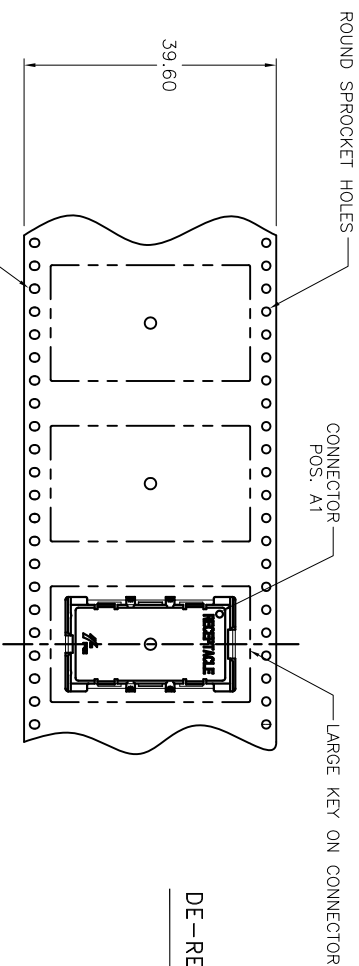
FCI

8.0mm RECEPTACLE ASSEMBLY
10 X 20 = 200 POSITIONS

Sheet 2 of 3
84535

CUSTOMER Drawing

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



DE-REEL DIRECTION

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecn no	dfr	date	ASPC Y4.5	ASPC Y4.5
K				angles	angles
				0° ±2°	XX ±10
				dfr	D. WAUGHEN 1999-09-07
				enlg	B. SPINK 1999-09-07
				cltr	B. SPINK 1999-09-07
				apdd	B. SPINK 1999-09-07
sheet	revision				
index	sheet				



title	product family
8.0mm RECEPTACLE ASSEMBLY	MEG-Arroy
10 X 20 = 200 POSITIONS	
dwg no	sheet 3 of 3
84535	size
	A4
	CUSTOMER Drawing

form: ArmmXlc

B

A

1 | 2

3 |

4

1

2

3

4