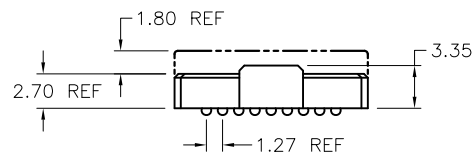
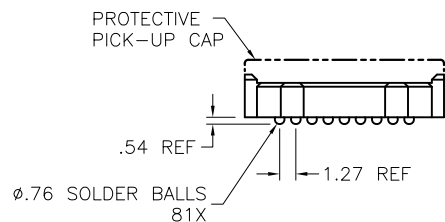
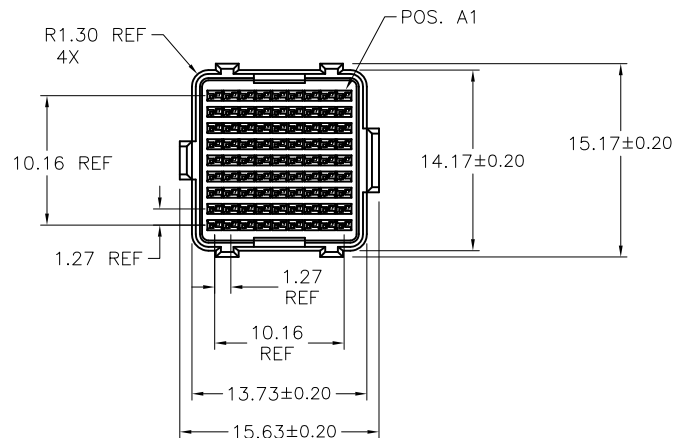


PRODUCT NUMBER
 SEE TABLE


NOTES:

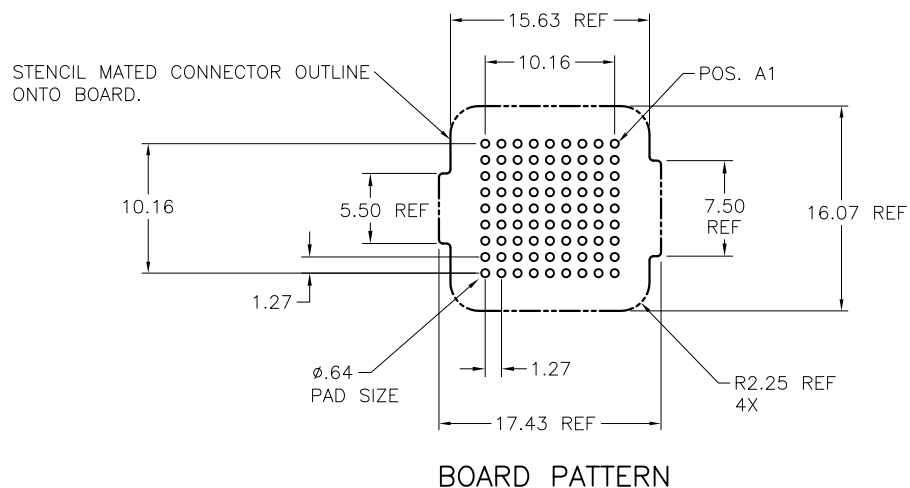
- ①. MAT'L:
 HOUSING: LCP
 CONTACT: COPPER ALLOY

PLATING:
 CONTACT: (SEE TABLE ON SHEET 2)
 SOLDER BALL: (SEE TABLE ON SHEET 2)
 EUTECTIC SnPb OR LEAD FREE
 95.5Sn/4Ag/0.5Cu
2. OVERALL BOARD-TO-BOARD STACK
 HEIGHT WHEN MATED TO P/N 55714
 81 POSITION 0mm PLUG. IS 4.0mm REF.
- 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 HAVE SPECIAL GEOMETRY, ALSO.
- 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
- 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. 55715-301, -301LF, -401, -401LF, -501 AND -501LF ARE OBSOLETE

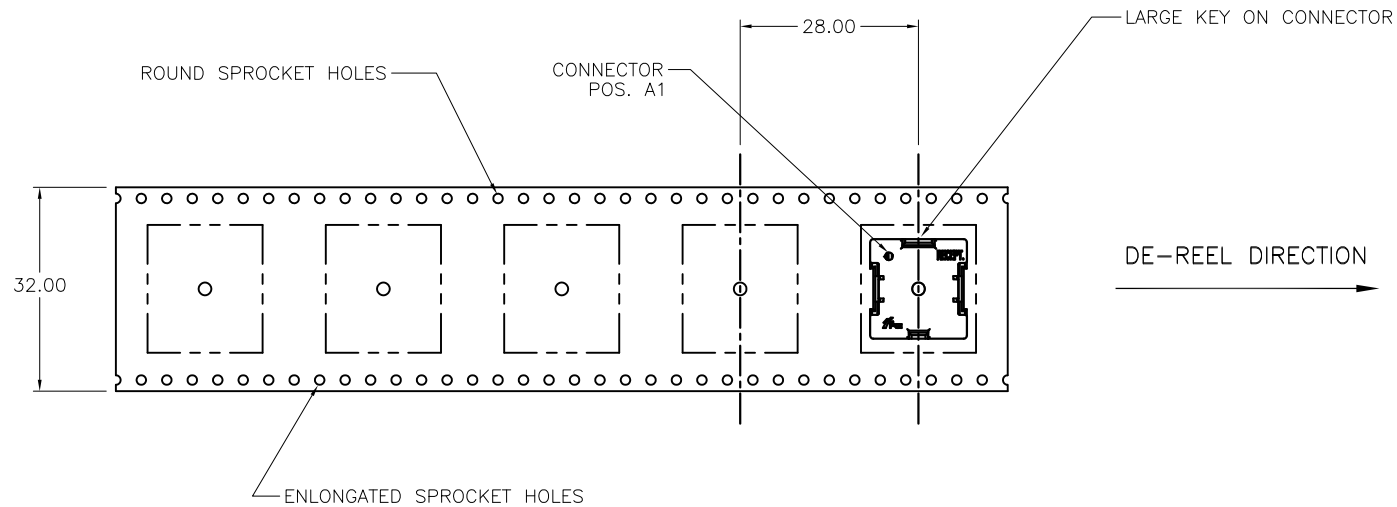
8. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

mat'l. code —				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family MEG—Array			
ltr	ecr no	dr	date	tolerances unless otherwise specified					title				
A	V20800	DRW	2001-04-24			X ±3			4mm RECEPTACLE ASSY. 9X9 = 81 POSITION				
B	V20949	DAI	2001-08-15			XX ±10							
C	V03-0678	DAI	2003-06-18			XXX ±050							
D	V04-0940	VS	2004-10-13			0° ±2°							
E	V06-0560	LP	2006-06-22	dr		D.WAUGHEN	2001-04-09		dwg no		sheet 1 of 3	size	
F	V12-0030	SJ	2012-08-03	enfr		J.KONTOS	2001-04-09		55715		A4		
G	V12-0044	DCH	2012-11-18	chr		J.KONTOS	2001-04-09		type		CUSTOMER Drawing		
sheet index	revision		G	G	G								
	sheet		1	2	3								

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
55715-001	YES	15μ" (.38μm) Au	SnPb	
55715-001LF	YES	15μ" (.38μm) Au	LEAD FREE	5
55715-091	YES	15μ" (.38μm) GXT	SnPb	
55715-091LF	YES	15μ" (.38μm) GXT	LEAD FREE	5
55715-101	YES	30μ" (.76μm) Au	SnPb	
55715-101LF	YES	30μ" (.76μm) Au	LEAD FREE	5
55715-191	YES	30μ" (.76μm) GXT	SnPb	
55715-191LF	YES	30μ" (.76μm) GXT	LEAD FREE	5
55715-201	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3
55715-201LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3 AND 5
55715-291	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3
55715-291LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3 AND 5
55715-301	YES	15μ" (.38μm) Au SPECIAL	SnPb	6
55715-301LF	YES	15μ" (.38μm) Au SPECIAL	LEAD FREE	5 & 6
55715-401	YES	30μ" (.76μm) Au SPECIAL	SnPb	6
55715-401LF	YES	30μ" (.76μm) Au SPECIAL	LEAD FREE	5 & 6
55715-501	YES	Au SPECIAL	SnPb	3 & 6
55715-501LF	YES	Au SPECIAL	LEAD FREE	3, 5 & 6



mat'l. code				surface	tolerance	projection	product family
-				ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
G				angles	X ±3	MM	4mm RECEPTACLE ASSY.
				0° ±2'	XX ±10	scale 1:1	9X9 = 81 POSITION
					XXX ±050		dwg no
		dr	D.WAUGHEN	2001-04-09			sheet 2 of 3
		enr	J.KONTOS	2001-04-09			size
		chr	J.KONTOS	2001-04-09			55715
		appd	J.KONTOS	2001-04-09			A4
sheet index	revision sheet						type
							CUSTOMER Drawing



mat'l. code				surface	tolerance	projection	product family	
-				ASME Y14.5	ASME Y14.5		MEG-Array	
ltr	ecr no	dr	date	tolerances unless otherwise specified		MM	4mm RECEPTACLE ASSY. 9X9 = 81 POSITION	
G				angles	X ±3			
					XX ±10			
				0° ±2°	XXX ±050			
		dr	D.WAUGHEN	2001-04-09			dwg no	sheet 3 of 3
		enr	J.KONTOS	2001-04-09			55715	size A4
		chr	J.KONTOS	2001-04-09			CUSTOMER Drawing	
		appd	J.KONTOS	2001-04-09				
sheet index	revision sheet							

Mouser Electronics

Authorized Distributor

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[55715-091](#) [55715-291LF](#) [55715-191LF](#)