

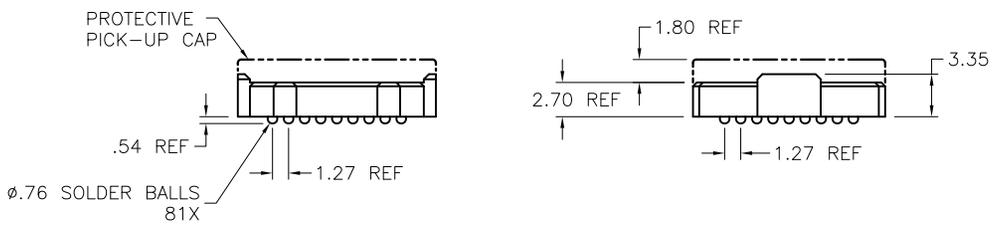
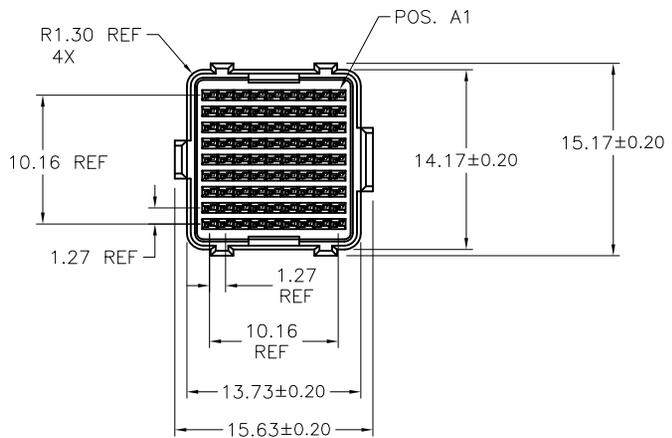
PRODUCT NUMBER
SEE TABLE

NOTES:

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

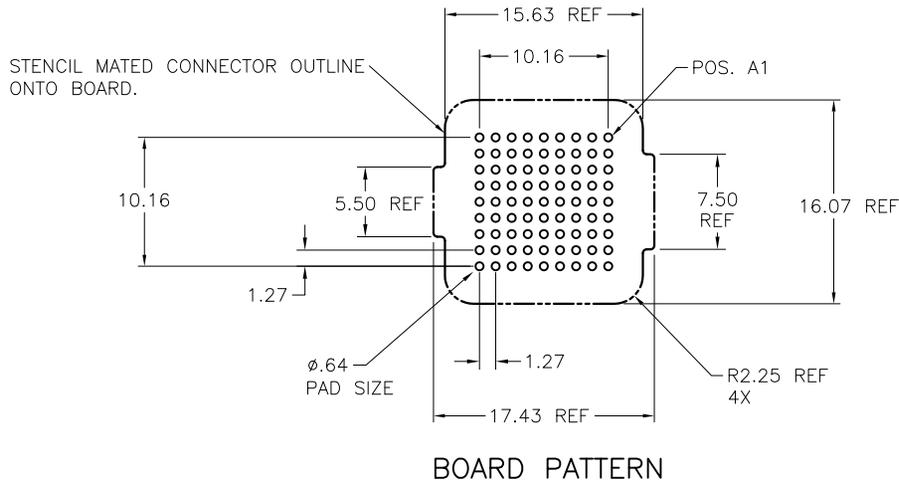
PLATING:
CONTACT: (SEE TABLE ON SHEET 2)
SOLDER BALL: (SEE TABLE ON SHEET 2)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu
2. OVERALL BOARD-TO-BOARD STACK HEIGHT WHEN MATED TO P/N 55714 81 POSITION 0mm PLUG. IS 4.0mm REF.
3. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS. MEET THE REQUIREMENTS OF GR-1217-CORE, 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 **F** SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

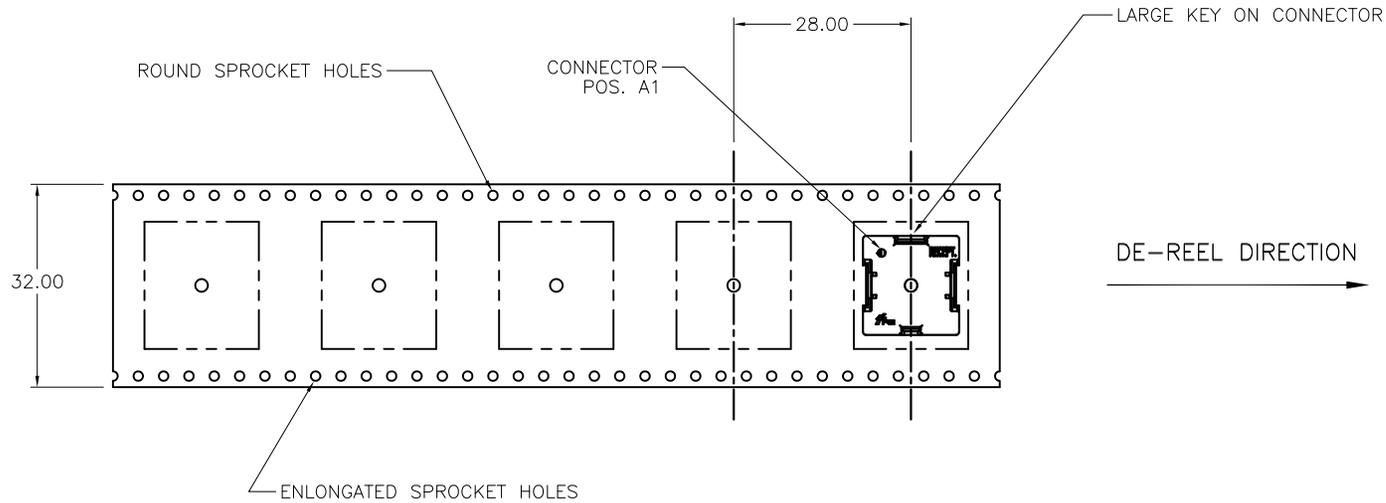


mat'l. code		surface		tolerance		projection		product family	
-		ASME Y14.5		ASME Y14.5		MM		MEG-Array	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		title	
A	V20800	DRW	2001-04-24	angles	X ±3	MM		4mm RECEPTACLE ASSY.	
B	V20949	DAI	2001-08-15	flatness	.XX ±10	scale 1:1		9X9 = 81 POSITION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



mat'l. code		surface		tolerance		projection		product family		
-		ASME Y14.5		ASME Y14.5				MEG-Array		
ltr	ecn no	dr	date	tolerances unless otherwise specified						
G				angles	$X \pm 3$ $.XX \pm 10$ $XXX \pm 0.50$		title			
				0° ±2'		MM	4mm RECEPTACLE ASSY.			
						scale 1:1	9X9 = 81 POSITION			
		dr	D.WAUGHEN	2001-04-09			dwg no		sheet 3 of 3	size
		engr	J.KONTOS	2001-04-09			55715		A4	
		chr	J.KONTOS	2001-04-09			type		CUSTOMER Drawing	
		appd	J.KONTOS	2001-04-09						
sheet index	revision sheet									