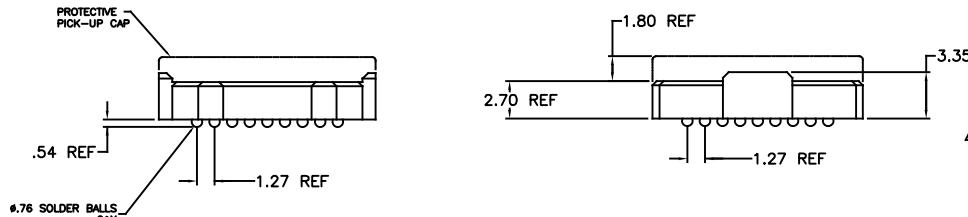
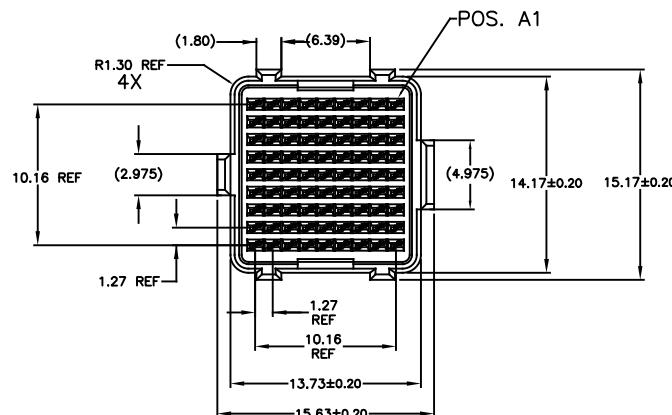


PRODUCT NUMBER

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/0.5Cu2. 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 SPECIFICATION5. 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

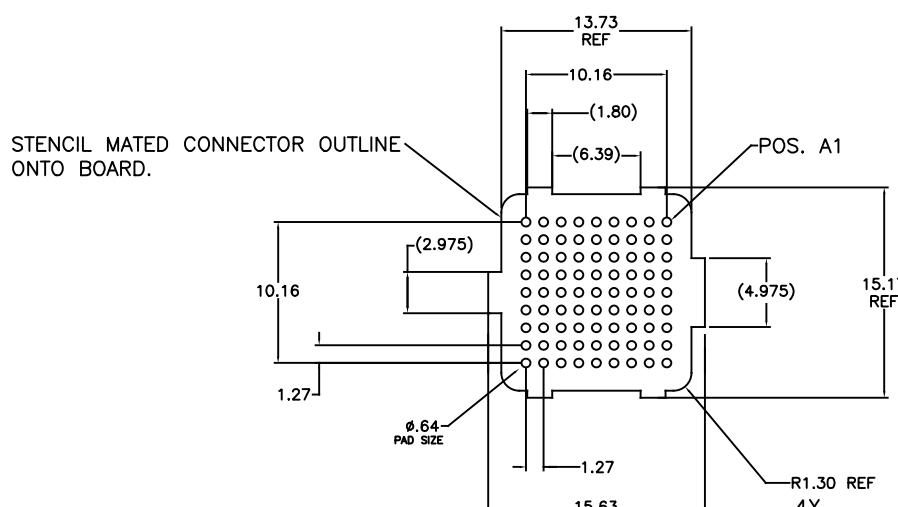
6. 55715-301, -301LF, -401, -401LF, -501 AND -501LF ARE OBSOLETE

7. FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE

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		tolerance		projection	product family
—		ASMEY14.5		ASMEY14.5			
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title
C	V03-0678	DAI	2003-06-18	angles	$\pm 3$		4MM-RECEPTACLE-ASSY.
D	V04-0940	VS	2004-10-13	line	$.XX \pm .10$		9X9=81POSITION
E	V06-0560	LP	2006-06-22	$0^\circ \pm 2^\circ$	$.XXX \pm .050$	scale 2:1	
F	V12-0030	SJ	2012-08-03	dr	D.WAUGHEN	2001-04-09	Amphenol FCI
G	V12-0044	DCH	2012-11-19	engr	J.KONTOS	2001-04-09	
H	V-39628	HCL	2021-01-13	chr	J.KONTOS	2001-04-09	
J	V-40495	HCL	2021-03-26	appd	J.KONTOS	2001-04-09	
sheet		revision	J	J	J		
index		sheet	1	2	3		

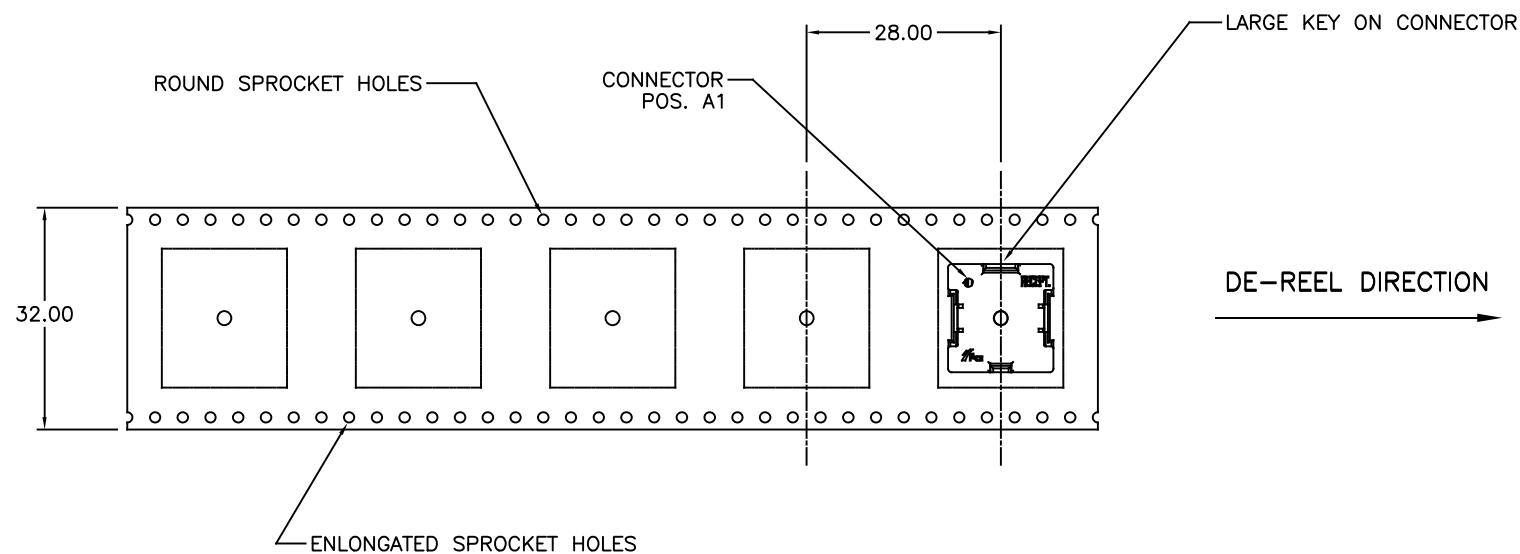
PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES	
55715-001	YES	15 $\mu$ " (.38 $\mu$ m) Au	SnPb		△
55715-001BF	YES	15 $\mu$ " (.38 $\mu$ m) Au	SnPb	7	△
55715-001LF	YES	15 $\mu$ " (.38 $\mu$ m) Au	LEAD FREE	5	△
55715-001BLF	YES	15 $\mu$ " (.38 $\mu$ m) Au	LEAD FREE	5 AND 7	△
55715-091	YES	15 $\mu$ " (.38 $\mu$ m) GXT	SnPb		△
55715-091BF	YES	15 $\mu$ " (.38 $\mu$ m) GXT	SnPb	7	△
55715-091LF	YES	15 $\mu$ " (.38 $\mu$ m) GXT	LEAD FREE	5	△
55715-091BLF	YES	15 $\mu$ " (.38 $\mu$ m) GXT	LEAD FREE	5 AND 7	△
55715-101	YES	30 $\mu$ " (.76 $\mu$ m) Au	SnPb		△
55715-101BF	YES	30 $\mu$ " (.76 $\mu$ m) Au	SnPb	7	△
55715-101LF	YES	30 $\mu$ " (.76 $\mu$ m) Au	LEAD FREE	5	△
55715-101BLF	YES	30 $\mu$ " (.76 $\mu$ m) Au	LEAD FREE	5 AND 7	△
55715-191	YES	30 $\mu$ " (.76 $\mu$ m) GXT	SnPb		△
55715-191BF	YES	30 $\mu$ " (.76 $\mu$ m) GXT	SnPb	7	△
55715-191LF	YES	30 $\mu$ " (.76 $\mu$ m) GXT	LEAD FREE	5	△
55715-191BLF	YES	30 $\mu$ " (.76 $\mu$ m) GXT	LEAD FREE	5 AND 7	△
55715-201	YES	50 $\mu$ " (1.27 $\mu$ m) Au SPECIAL	SnPb	3	△
55715-201BF	YES	50 $\mu$ " (1.27 $\mu$ m) Au SPECIAL	SnPb	3 AND 7	△
55715-201LF	YES	50 $\mu$ " (1.27 $\mu$ m) Au SPECIAL	LEAD FREE	3 AND 5	△
55715-201BLF	YES	50 $\mu$ " (1.27 $\mu$ m) Au SPECIAL	LEAD FREE	3, 5 AND 7	△
55715-291	YES	50 $\mu$ " (1.27 $\mu$ m) GXT SPECIAL	SnPb	3	△
55715-291BF	YES	50 $\mu$ " (1.27 $\mu$ m) GXT SPECIAL	SnPb	3 AND 7	△
55715-291LF	YES	50 $\mu$ " (1.27 $\mu$ m) GXT SPECIAL	LEAD FREE	3 AND 5	△
55715-291BLF	YES	50 $\mu$ " (1.27 $\mu$ m) GXT SPECIAL	LEAD FREE	3, 5 AND 7	△
55715-301	YES	15 $\mu$ " (.38 $\mu$ m) Au SPECIAL	SnPb	6	
55715-301LF	YES	15 $\mu$ " (.38 $\mu$ m) Au SPECIAL	LEAD FREE	5 & 6	
55715-401	YES	30 $\mu$ " (.76 $\mu$ m) Au SPECIAL	SnPb	6	
55715-401LF	YES	30 $\mu$ " (.76 $\mu$ m) Au SPECIAL	LEAD FREE	5 & 6	
55715-501	YES	AU SPECIAL	SnPb	3 & 6	
55715-501LF	YES	AU SPECIAL	LEAD FREE	3, 5 & 6	



BOARD PATTERN

mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ASMEY14.5		ASMEY14.5			
J				angles	ref	.X±.3		MM	
				0°±2°	line	.XX±.10			
						.XXX±.050		scale 2:1	
		dr	D.WAUGHEN	2001-04-09					
		engr	J.KONTOS	2001-04-09					
		chr	J.KONTOS	2001-04-09					
		appd	J.KONTOS	2001-04-09					
sheet	revision								
index	sheet								

**Amphenol  
FCI**



mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ASMEY14.5		ASMEY14.5			
J				tolerances unless otherwise specified		angles	.X±.3		
						0°±2°	.XX±.10		
							.XXX±.050	scale 1:1	
		dr	D.WAUGHEN	2001-04-09					
		engr	J.KONTOS	2001-04-09					
		chr	J.KONTOS	2001-04-09					
		appd	J.KONTOS	2001-04-09					
sheet		revision							
index		sheet							
Amphenol FCi									
dwg no		sheet 3 of 3		size					
55715		A4							
type CUSTOMER Drawing									

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol](#):

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