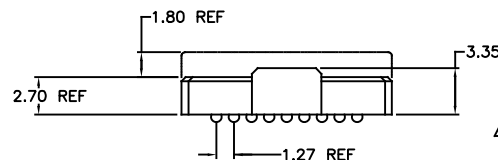
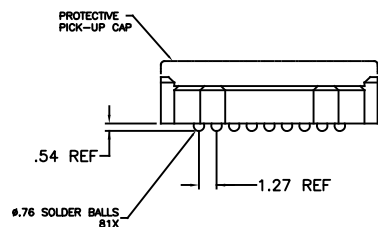
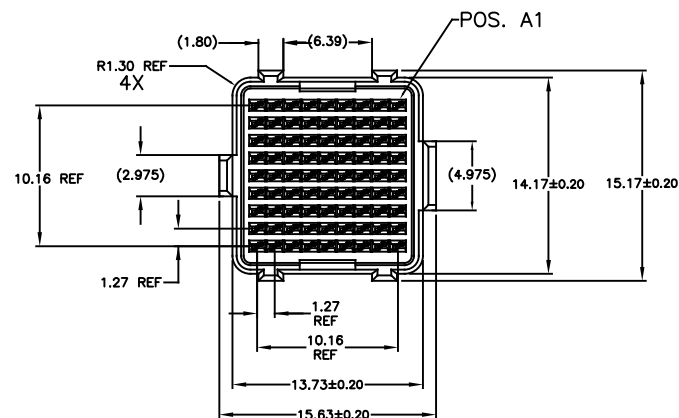


PRODUCT NUMBER
SEE TABLE






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

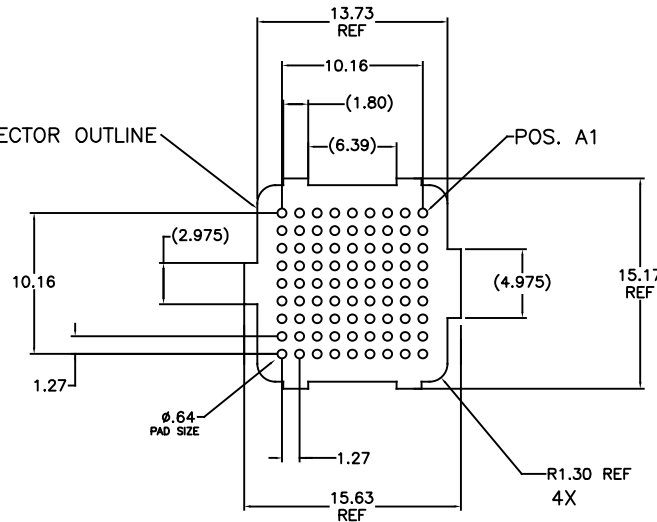
▲ (7.) FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE

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				MEG—ARRAY									
litr		ecn no		dr		date		tolerances unless otherwise specified				title							
C		V03-0678		DAI		2003-06-18		angles				4MM—RECEPTACLE—ASSY.							
D		V04-0940		VS		2004-10-13		linear				9X9=81POSITION							
E		V06-0560		LP		2006-06-22		0'±2'											
F		V12-0030		SJ		2012-08-03		dr		D.WAUGHEN		2001-04-09		dwg no		sheet 1 of 3		size	
G		V12-0044		DCH		2012-11-19		engr		J.KONTOS		2001-04-09		Amphenol		55715		A	
H		V-39628		HCL		2021-01-13		chr		J.KONTOS		2001-04-09		FCi					
J		V-40495		HCL		2021-03-28		appd		J.KONTOS		2001-04-09				type		CUSTOMER Drawing	
sheet		revision		J		J		J											
index		sheet		1		2		3											

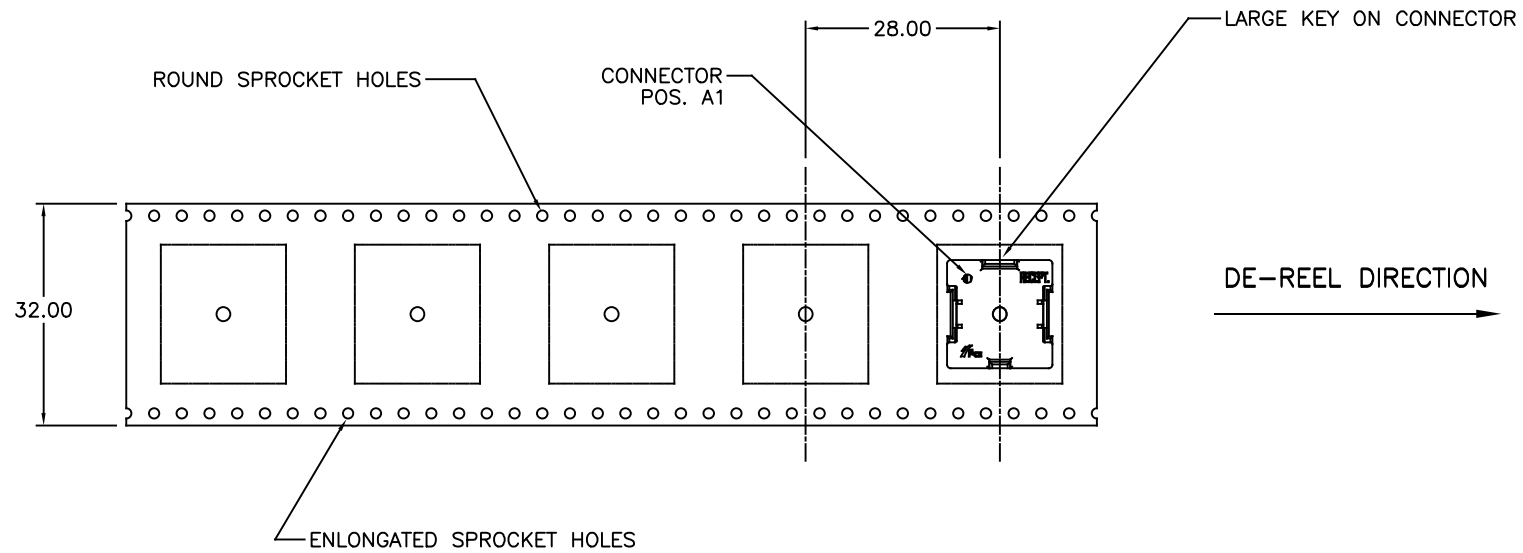
PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
55715-001	YES	15μ" (.38μm) Au	SnPb	
55715-001BF	YES	15μ" (.38μm) Au	SnPb	7
55715-001LF	YES	15μ" (.38μm) Au	LEAD FREE	5
55715-001BLF	YES	15μ" (.38μm) Au	LEAD FREE	5 AND 7
55715-091	YES	15μ" (.38μm) GXT	SnPb	
55715-091BF	YES	15μ" (.38μm) GXT	SnPb	7
55715-091LF	YES	15μ" (.38μm) GXT	LEAD FREE	5
55715-091BLF	YES	15μ" (.38μm) GXT	LEAD FREE	5 AND 7
55715-101	YES	30μ" (.76μm) Au	SnPb	
55715-101BF	YES	30μ" (.76μm) Au	SnPb	7
55715-101LF	YES	30μ" (.76μm) Au	LEAD FREE	5
55715-101BLF	YES	30μ" (.76μm) Au	LEAD FREE	5 AND 7
55715-191	YES	30μ" (.76μm) GXT	SnPb	
55715-191BF	YES	30μ" (.76μm) GXT	SnPb	7
55715-191LF	YES	30μ" (.76μm) GXT	LEAD FREE	5
55715-191BLF	YES	30μ" (.76μm) GXT	LEAD FREE	5 AND 7
55715-201	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3
55715-201BF	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3 AND 7
55715-201LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3 AND 5
55715-201BLF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3, 5 AND 7
55715-291	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3
55715-291BF	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3 AND 7
55715-291LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3 AND 5
55715-291BLF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3, 5 AND 7
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

STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.



BOARD PATTERN

mat'l. code				surface ASMEY14.5	tolerance ASMEY14.5	projection 	product family MEG-ARRAY	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
J				angles	.X±.3	MM 	4MM-RECEPTACLE-ASSY. 9X9=81POSITION	
				linear	.XX±.10			
				0°±2°	.XXX±.050			
				dr	D.WAUGHEN	2001-04-09	dwg no	sheet 2 of 3
				engr	J.KONTOS	2001-04-09	55715	
				chr	J.KONTOS	2001-04-09	A4	
				appd	J.KONTOS	2001-04-09	CUSTOMER Drawing	
sheet index	revision sheet							



mat'l. code				surface	tolerance	projection	product family			
-				ASMEY14.5	ASMEY14.5		MEG-ARRAY			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
J				angles	.X±.3	MM	4MM-RECEPTACLE-ASSY. 9X9=81 POSITION			
				linear	.XX±.10					
				0°±2°	.XXX±.050					
				dr	D.WAUGHEN	2001-04-09	Amphenol FCi	dwg no		sheet 3 of 3
				enr	J.KONTOS	2001-04-09		55715		A4
				chr	J.KONTOS	2001-04-09				
				app	J.KONTOS	2001-04-09		type		CUSTOMER Drawing
sheet index	revision	sheet								

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

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