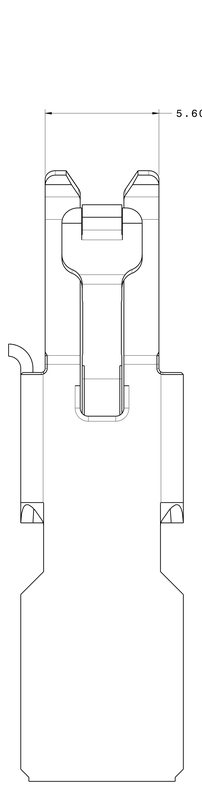
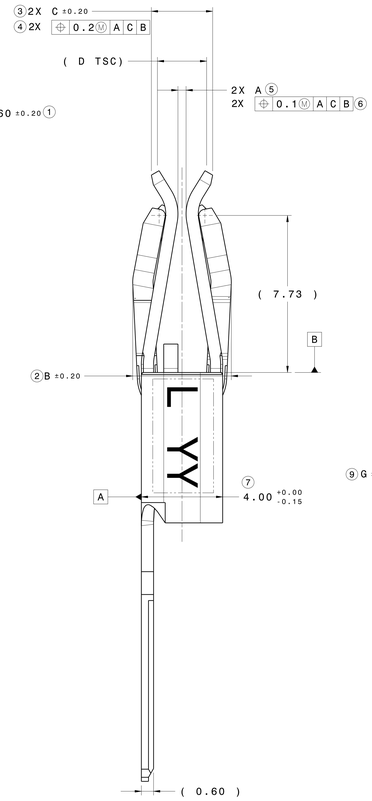
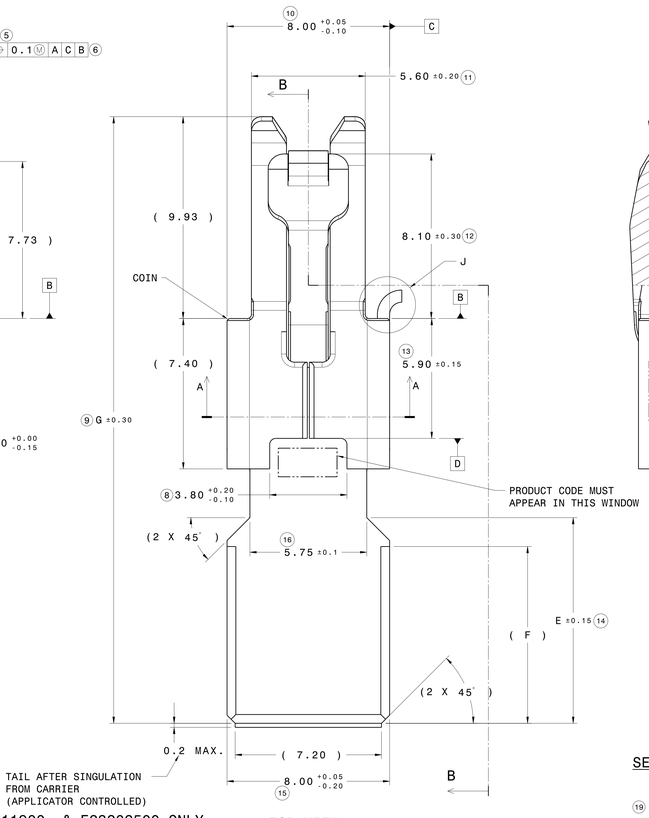


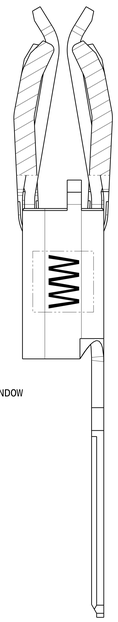
BOTTOM VIEW



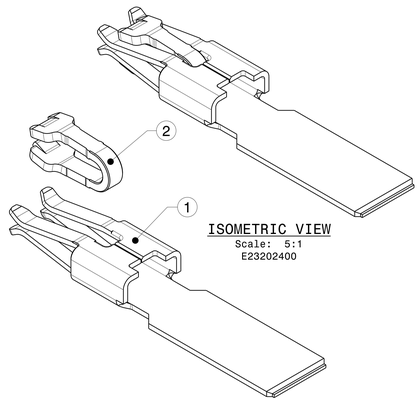
SIDE VIEW



TOP VIEW

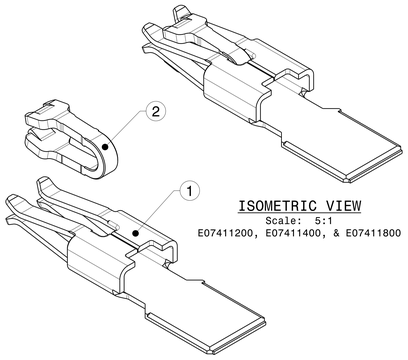


SECTION VIEW B-B



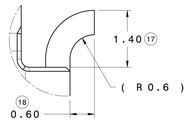
ISOMETRIC VIEW
Scale: 5:1
E23202400

EXPLODED VIEW
Scale: 5:1
E23202400

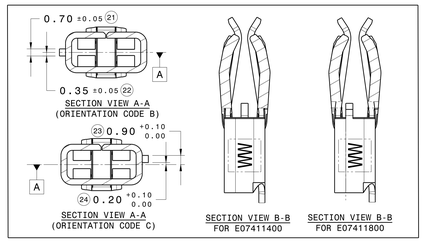


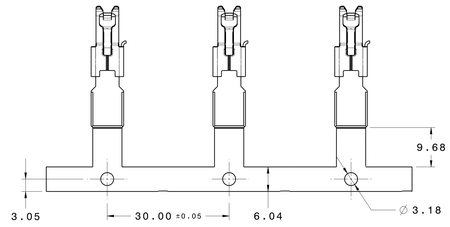
ISOMETRIC VIEW
Scale: 5:1
E07411200, E07411400, & E07411800

EXPLODED VIEW
Scale: 5:1
E07411200, E07411400, & E07411800

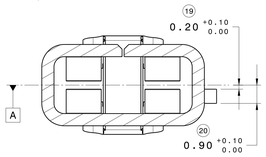


DETAIL J
Scale: 20:1



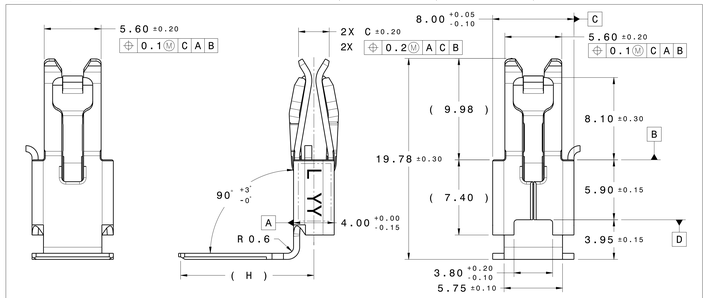


CARRIER DIMENSIONS FOR REFERENCE ONLY
Scale: 2:1



SECTION VIEW A-A
(ORIENTATION CODE A)

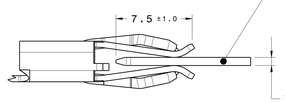
CHART 1 APPLICABLE FOR GPN E07411300, E07411500, E07411900, & E23202500 ONLY



THE 90° BEND MUST BE PERFORMED IN APPLICATOR
DIE BY THE WIRING HARNESS OR MODULE MAKERS.
THE ABOVE VIEWS SHOW GPN E07411300 ONLY.

CHART 2

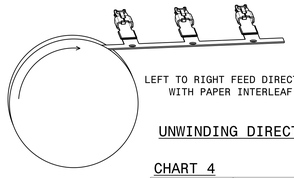
INTERFACE DIMENSIONS FOR INFORMATION ONLY



THE MATING BLADE TIP CONFIGURATION, AND PLATING MUST BE PER LEAR BLADE SPECIFICATION D00430475.

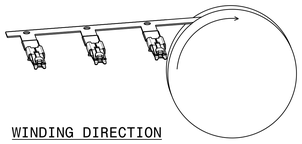
PLATING:
(AG) ELECTROPLATED SILVER 3 µm MINIMUM OVER 1 - 1.5 µm THICK SULFAMATE NICKEL. SILVER PLATING PER ASTM B700; TYPE I; GRADE D; CLASS T, WITH ANTI-TARNISH COATING OF TARNIBAN KSII POST TREATMENT. NICKEL PLATING PER ASTM B689; TYPE I; CLASS X; STANDARD MATTE FINISH.

INTERFACE TO BLADE
Scale: 5:1



LEFT TO RIGHT FEED DIRECTION
WITH PAPER INTERLEAF

UNWINDING DIRECTION



WINDING DIRECTION

CHART 4

ASSEMBLY GPN	ASSEMBLY DESCRIPTION	WIRE SIZE (mm^2)	Dimension A MAXIMUM	Dimension B	Dimension C	Dimension D	Dimension E	Dimension F	Dimension G	Dimension H	Dimension T	PRODUCT CODE	ORIENTATION CODE	BILL OF MATERIAL (28) ITEM NUMBER	QTY	COMPONENT DESCRIPTION	MATERIAL
E07411200	6.3HC TERMINAL 0.80 MATING BLADE LOW INSERTION BEFORE BENDING	≤ 16	0.45	4.85	2.94	2.24	10.12	8.70	29.90	-	0.80	4	A	1	1	6.3HC TERMINAL BASE RA	COPPER ALLOY
														2	1	6.3HC TERMINAL SPRING	SS
E07411300	6.3HC TERMINAL 0.80 MATING BLADE LOW INSERTION AFTER BENDING	≤ 16	SAME AS E07411200 EXCEPT AS SHOWN IN CHART 1							13.12	SAME AS E07411200 EXCEPT AS SHOWN IN CHART 1						
E07411400	6.3HC TERMINAL 1.00 MATING BLADE LOW INSERTION BEFORE BENDING	≤ 16	0.60	4.86	3.23	2.53	10.12	8.70	29.90	-	1.00	6	B	1	1	6.3HC TERMINAL BASE RA	COPPER ALLOY
														2	1	6.3HC TERMINAL SPRING	SS
E07411500	6.3HC TERMINAL 1.00 MATING BLADE LOW INSERTION AFTER BENDING	≤ 16	SAME AS E07411400 EXCEPT AS SHOWN IN CHART 1							13.12	SAME AS E07411400 EXCEPT AS SHOWN IN CHART 1						
E07411800	6.3HC TERMINAL 1.20 MATING BLADE LOW INSERTION BEFORE BENDING	≤ 16	0.80	5.07	3.51	2.82	10.12	8.70	29.90	-	1.20	8	C	1	1	6.3HC TERMINAL BASE RA	COPPER ALLOY
														2	1	6.3HC TERMINAL SPRING	SS
E07411900	6.3HC TERMINAL 1.20 MATING BLADE LOW INSERTION AFTER BENDING	≤ 16	SAME AS E07411800 EXCEPT AS SHOWN IN CHART 1							13.12	SAME AS E07411800 EXCEPT AS SHOWN IN CHART 1						
E23202400	6.3HC TERMINAL 0.80 MATING BLADE LOW INSERTION BEFORE BENDING	≤ 16	0.45	4.85	2.94	2.24	17.94	16.52	37.72	-	0.80	4	A	1	1	6.3HC TERMINAL BASE RA	COPPER ALLOY
														2	1	6.3HC TERMINAL SPRING	SS
E23202500	6.3HC TERMINAL 0.80 MATING BLADE LOW INSERTION AFTER BENDING	≤ 16	SAME AS E23202400 EXCEPT AS SHOWN IN CHART 1							20.94	SAME AS E23202400 EXCEPT AS SHOWN IN CHART 1						

NOTES:

1. GENERAL TOLERANCES
   1.1. ONE PLACE DIMENSIONS ±0.20
   1.2. TWO PLACE DIMENSIONS ±0.10
   1.3. ANGULAR DIMENSIONS ±2°
2. BASE TERMINAL MATERIAL: COPPER ALLOY, 0.60 ±0.019 THICK
   SPRING MATERIAL: STAINLESS STEEL, 1.00 ±0.025 THICK
(25) 3. PLATING IN TERMINAL BASE CONTACT AREA: SELECTIVE
   SILVER PLATING OVER SULFAMATE NICKEL UNDERPLATING.
4. UNLESS OTHERWISE SPECIFIED ALL DRAWING VIEWS SHOW
   6.3HC TERMINAL AFTER SINGULATION FROM TERMINAL CARRIER.
(AF) 5. FOR ULTRASONIC WELDING GUIDELINES SEE USCAR 38. TERMINAL VALIDATION PER USCAR 2, ULTRASONIC WELDING VALIDATION PER USCAR 38.
(26) 6. LEAR "L" STAMP AND ASSEMBLY DATE STAMP WW = WEEK, YY = YEAR, MUST BE LOCATED ON THE SIDES OF THE BOX. TEXT MUST BE LEGIBLE.
7. COIN PERMISSIBLE AT THE SEAM AREA OF THE BOX.
8. SCORES USED TO HELP FORMING THE BOX ARE PERMISSIBLE. THE DEPTH OF THE SCORE NOT TO EXCEED 10% OF MATERIAL THICKNESS.
(AF) 9. PART NUMBERS IN CHART 1 ARE APPLICATOR CONTROLLED, AND MUST BE PRODUCED AT THE WIRING HARNESS OR MODULE MAKER BY PERFORMING THE 90° BEND IN THEIR MANUFACTURING FACILITIES.
(AG) 10. PARTS MUST BE SHIPPED FREE FROM ANY MANUFACTURING AGENT (OILS, RESINS, WAXES, SOLVENTS, AND CHEMICALLY INDUCED OR EXTERNALLY DEPOSITED RESIDUES). NO DEBRIS (PLASTIC OR METAL) IS ALLOWED IN SHIPPING.
11. SHIPPING PACKAGE MUST NOT DAMAGE PRODUCT DURING TRANSIT.
(27) 12. UNLESS OTHERWISE SPECIFIED ALL DRAWING VIEWS SHOW E07411200.
13. FOR TERMINAL CAVITY, SEE LEAR 6.3HC TERMINAL CAVITY SPECIFICATION D00452785.

REV.	ZONE	DESCRIPTION	CS/REL NO.	DATE	DESIGNER	CHECKER
AA		RELEASED	CS 323465\1	2016/01/12	P.CASTELLANI	W.GLICK
AB	C4 C2 E7 C5,C6 E7	ADDED NOTE #1 ADDED NOTE #12 ADDED (0.60) DIM ADDED DIM # 21, 22, 23 &24 DIM #18 TOL WAS ±0.05	CS 333436	2016/06/14	P.CASTELLANI	W.GLICK
AC	E6 C2 G3 E3 F2 F1	ADDED DATUM D, ADDED TERMINAL CAVITY SPECIFICATION NOTE #13, ADDED DIM. 3.95 ± 0.15, ADDED MATING BLADE PLATING REQUIREMENTS. ADDED COIN, REVISED WIRE SIZE. 5.07mm SPRING HEIGHT FOR 0.80mm GAP VERSION WAS 4.90mm.	CS 345493	2018/01/26	C. SOOD	S. RAHMAN
AD	C3,C2	REVISED NOTE #4 & #9.	CN-0108264	2018/11/26	R. SAGARINO	S. RAHMAN
AE	J1 F2 C2	ADDED PART NUMBERS, E23202400, AND E23202500. ADDED CHART DIMENSIONS E, F, G, & H. REVISED NOTE 9.	CN-0111667	2019/08/16	F. ANTIGA	S. RAHMAN
AF	G1 H3 C3 C2 G1	0.45 WAS 0.40 FOR DIM. A. REVISED CHART 1 NOTE, AND NOTE #11 FOR CLARIFICATION. REARRANGED NOTE NUMBERS. REVISED NOTE #5, & #9. 4.85 WAS 4.81	CN-0115321	2020/09/02	R. SAGARINO	S. RAHMAN
AG	E3 D3	SILVER PLATING CLASS T WAS S. REVISED NOTE #10.	CN-0129763	2024/05/09	M. PRENDOL	S. RAHMAN

ANGLE PROJECTION: NA	MATERIAL: SEE NOTES FINISH / SURFACE: SEE NOTES COLOR: SEE NOTES			WEIGHT CAD: N/A	VOLUME CAD: SEE NOTES
NOT USED -	SCALE: 10:1	LEAR CORPORATION	E-SYSTEMS Power and Data Management 21557 TELEGRAPH ROAD SOUTHFIELD, MI 48033		
	START DATE: 2015/11/13		TITLE		
	DRAWN: P.CASTELLANI		6.3HC RA WITH POLARIZATION CODES TERMINAL ASSY		
	APPROVERS: ENGR: S.RAHMAN CHECKER: A.BUTCHER APPROVER: B.RANGI	Bhupinder Rangi Digitally signed by Bhupinder Rangi Date: 2024.05.09 12:47:31 -04'00'			
	DWG FILE NAME: E07411200-AG, DR00.CATDrawing	CAD DIRECTORY / LOCATION: SEM MODEL FILE NAME: E07411200-AA, M000.CATProduct			
	LAST UPDATE: 2024/05/09	SEM DOCUMENT ID / DRAWING NUMBER: E07411200	REV: AG	SHEET 1 OF 1	TYPE: CG
LAST USED 28	CONFIDENTIAL - THIS DOCUMENT IS OWNED BY LEAR CORPORATION AND IS NOT TO BE DISTRIBUTED OR DISSEMINATED IN ANY MANNER UNLESS EXPRESSLY AUTHORIZED IN WRITING BY LEAR CORPORATION				