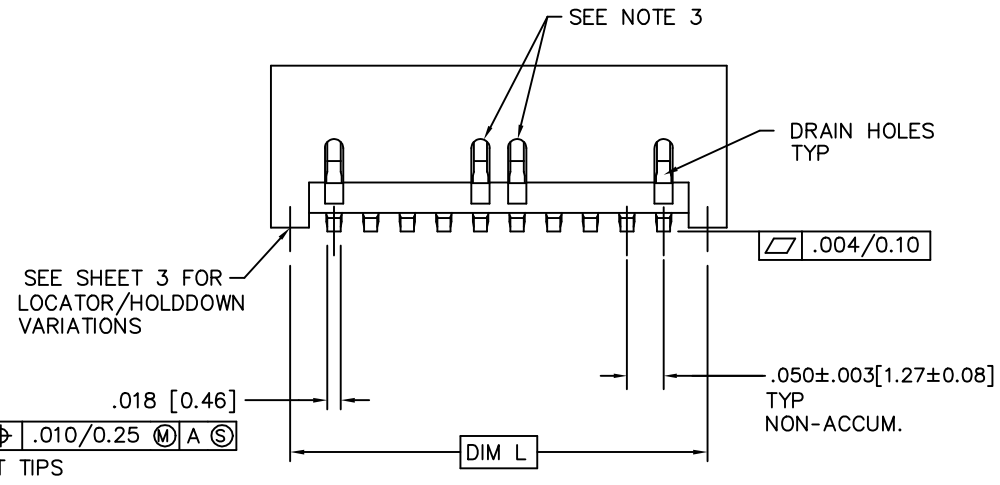
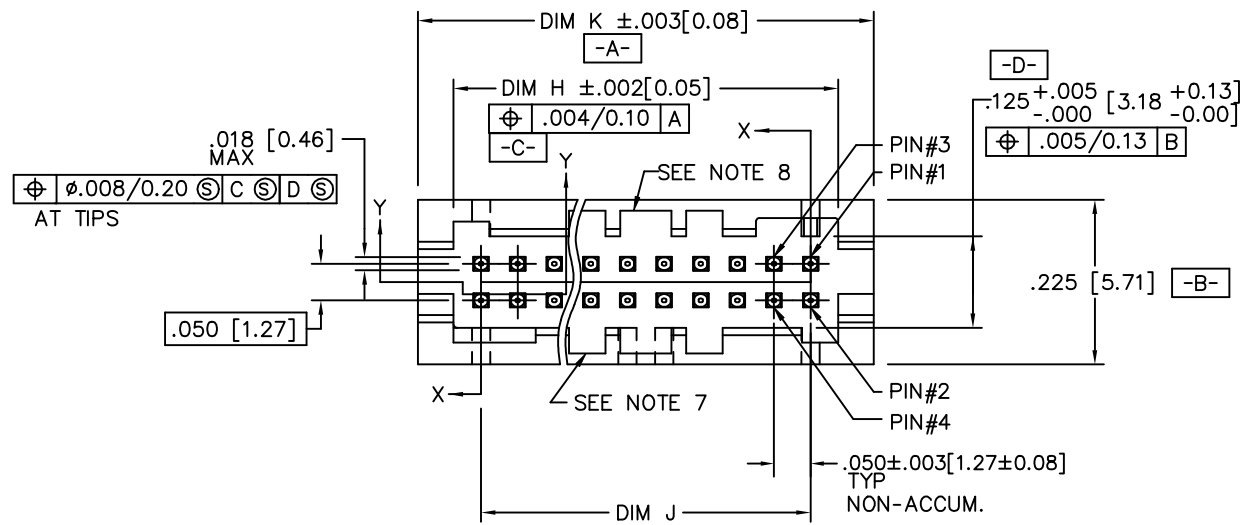
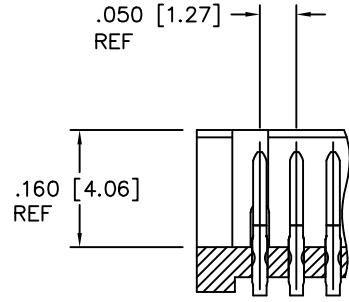
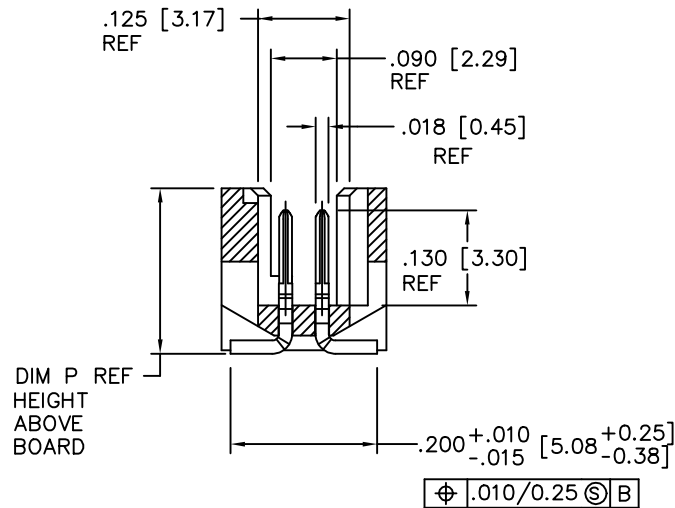


mat'l. code				surface				tolerance				projection				product family			
-				ISO 1302				ISO 406				ISO 1101				RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified				INCH/MM				scale 3:1				title			
AH	ELX-N-35658	A.Z	12/17/19	.XX $\pm$.01/0.3				linear				.XXX $\pm$.005/0.13				RIBCAGE III SMT			
AB	M09-0058	MHT	4/04/09	.XXX $\pm$.005/0.13				.XXX $\pm$.005/0.13				.XXX $\pm$.005/0.13				VERT. HEADER ASS'Y			
AC	M09-0087	MHT	06/10/09	$\pm 2^\circ$				.XXX $\pm$.0020/0.051				.XXX $\pm$.0020/0.051				dwg no			
AD	N10-0174	YO	6/17/10	dr	ARTHUR.ZHAO	12/17/19		.XXX $\pm$.0020/0.051				.XXX $\pm$.0020/0.051				sheet 1 of 8			
AE	ELX-N-004143	YO	06/20/11	enr	ARTHUR.ZHAO	12/17/19		.XXX $\pm$.0020/0.051				.XXX $\pm$.0020/0.051				size			
AF	ELX-N-004665	YO	07/27/11	chr	LQ.LEI	12/17/19		.XXX $\pm$.0020/0.051				.XXX $\pm$.0020/0.051				A3			
AG	ELX-N-009746	YO	1/20/12	app	TIM.YAO	12/17/19		.XXX $\pm$.0020/0.051				.XXX $\pm$.0020/0.051				type			
sheet	revision	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	Product Customer Drawing			
index	sheet	1	2	3	4	5	6	7	8										

SIZE	DIM H	DIM J	DIM K	DIM L
2X5	.275/6.99	.200/5.08	.372/9.45	.320/8.13
2X10	.525/13.34	.450/11.43	.622/15.80	.570/14.48
2X15	.775/19.68	.700/17.78	.872/22.15	.820/20.83
2X20	1.025/26.03	.950/24.13	1.122/28.50	1.070/27.18
2X25	1.275/32.38	1.200/30.48	1.372/34.85	1.320/33.53
2X30	1.525/38.74	1.450/36.83	1.622/41.20	1.570/39.88
2X35	1.775/45.08	1.700/43.18	1.872/47.55	1.820/46.23
2X40	2.025/51.43	1.950/49.53	2.122/53.90	2.070/52.58
2X45	2.275/57.78	2.200/55.88	2.372/60.25	2.320/58.93
2X50	2.525/64.14	2.450/62.23	2.622/66.60	2.570/65.28



mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
AH				angles	linear	.XX±.01/0.3		INCH/MM 	RIBCAGE III SMT VERT. HEADER ASS'Y				
						.XXX±.005/0.13							
			±2°			.XXXX±.0020/0.051							
				dr	ARTHUR.ZHAO	12/17/19			dwg no		sheet2 of 8	size	
				engr	ARTHUR.ZHAO	12/17/19			95781		A3		
				chr	LQ.LEI	12/17/19							
				appd	TIM.YAO	12/17/19							
sheet index		revision sheet								type	Product	Customer	Drawing



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PRODUCT NUMBER NOTE 1,4A & 4B	DIM P HEIGHT ABOVE BOARD (REF.)	HOLDDOWN STYLE
72428-1XX	.244/6.20	1
73546-1XX	.364/9.25	1
73547-1XX	.364/9.25	2
73548-1XX	.364/9.25	4
84700-1XX	.226/5.74	7
84701-1XX	.298/7.57	7
84734-1XX	.364/9.25	7
87401-1XX	.226/5.74	6
87409-1XX	.226/5.74	2
87849-1XX	.226/5.74	1
88566-1XX	.260/6.60	2
90098-1XX	.298/7.57	2
90863-1XX	.226/5.74	1
91036-1XX	.364/9.25	5
91423-1XX	.226/5.74	2
91855-1XX	.226/5.74	5
92099-1XX	.226/5.74	4
92412-1XX	.298/7.57	4
93206-1XX	.226/5.74	3
93221-1XX	.298/7.57	1
93289-1XX	.298/7.57	5
87409-2XX	.226/5.74	2

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SEE NOTE 10

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TABLE A
CUSTOMER SPECIAL

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE									
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title							
AH						angles		linear		.XX±.01/0.3		INCH/MM		RIBCAGE III SMT VERT. HEADER ASS'Y					
										.XXX±.005/0.13									
						±2°				.XXXX±.0020/0.051		scale 3:1							
				dr	ARTHUR.ZHAO		12/17/19				dwg no		sheet5 of 8		size				
				engr	ARTHUR.ZHAO		12/17/19				95781		A3						
				chr	LQ.LEI		12/17/19												
				appd	TIM.YAO		12/17/19				type Product Customer Drawing								
sheet index		revision sheet																	



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PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
72428-120TR	500	44/12	VIEW 1
73546-105TR	↑	24/12	↑
73546-110TR		32/12	
73546-115TR		44/12	
73546-120TR		44/12	
73546-125TR		56/12	
73546-130TR		56/12	
73546-135TR		72/12	
73546-140TR		72/12	
73546-145TR		72/12	
73546-150TR		88/12	
73547-105TR		24/12	
73547-110TR		32/12	
73547-115TR		44/12	
73547-120TR		44/12	
73547-125TR		56/12	
73547-130TR		56/12	
73547-135TR		72/12	
73547-140TR		72/12	
73547-145TR	↓	72/12	↓
73547-150TR	500	88/12	
84700-105TR	400	24/12	
84700-135TR	500	72/12	
87409-105TR	↑	24/12	
87409-110TR		24/12	
87409-115TR		44/12	
87409-120TR		44/12	
87409-125TR		56/12	
87409-130TR	↓	56/12	↓
87409-210TR	500	24/12	VIEW 1

TABLE C

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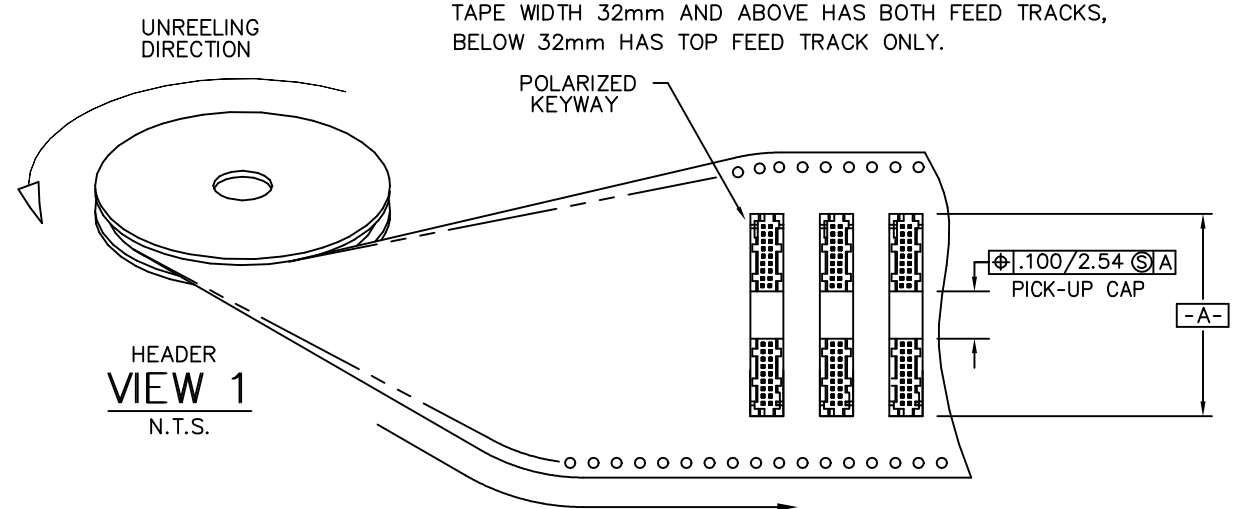
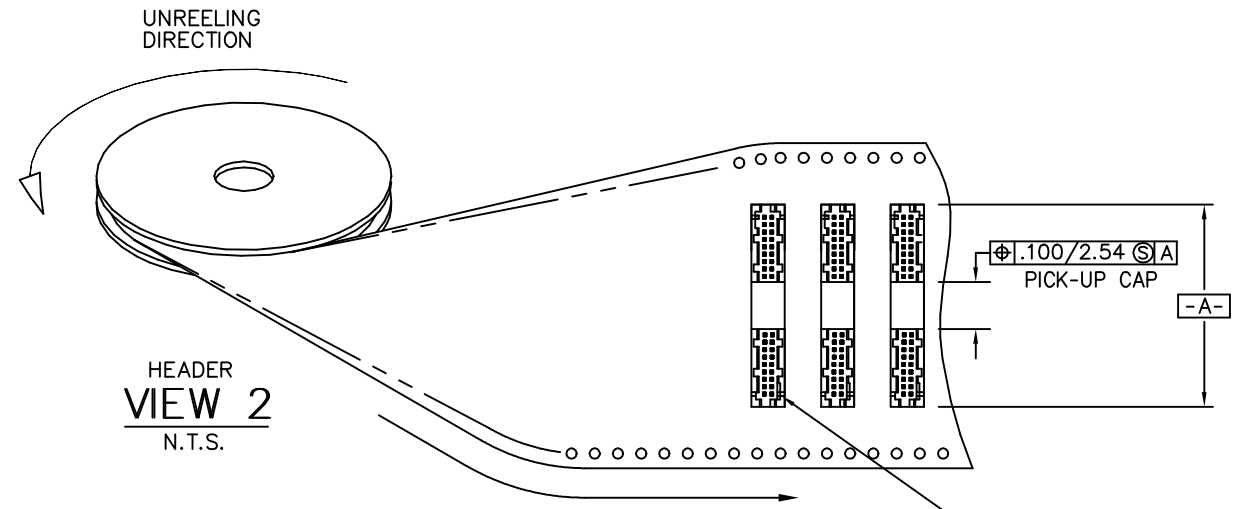


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REFERENCE ONLY :

TAPE WIDTH 32mm AND ABOVE HAS BOTH FEED TRACKS,
BELOW 32mm HAS TOP FEED TRACK ONLY.HEADER
VIEW 1
N.T.S.HEADER
VIEW 2
N.T.S.

mat'l. code -				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family RIBCAGE
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
AH				angles	linear		RIBCAGE III SMT VERT. HEADER ASS'Y
				±2°	.XXX±.005/0.13 .XXX±.0020/0.051	scale 3:1	dwg no
				dr	ARTHUR.ZHAO 12/17/19		sheet 6 of 8 size
				enr	ARTHUR.ZHAO 12/17/19		95781 A3
				chr	LQ.LEI 12/17/19		
				appd	TIM.YAO 12/17/19		type Product Customer Drawing
sheet index	revision sheet						

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PRODUCT NUMBER NOTE 11,4C		QTY. REEL	TAPE WIDTH PITCH MM		CONNECTOR ORIENTATION IN TAPE POCKET						
87409-135TR		500	72/12		VIEW 1						
87409-140TR		↑	72/12		↑						
87409-145TR			72/12								
87409-150TR			88/12								
87849-105TR			24/12								
87849-110TR			24/12								
87849-115TR			44/12								
87849-120TR			44/12								
87849-125TR			56/12								
87849-130TR			56/12								
87849-135TR			72/12								
87849-140TR			72/12								
87849-145TR			72/12								
87849-150TR			88/12								
88566-110TR			24/12								
88566-115TR		↓	44/12								
88566-130TR		500	56/12								
90098-105TR		400	24/12								
90098-110TR		400	32/12								
90098-115TR		500	44/12								
90098-120TR		500	44/12								
90098-125TR		400	56/12								
90098-130TR		500	56/12								
90098-135TR		↑	72/12								
90098-140TR			72/12								
90098-145TR			72/12								
90098-150TR			88/12								
90863-110		↓	24/12		↓						
90863-115		500	44/12		VIEW 1						
TABLE C											

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr		ecn no		dr		date		tolerances unless otherwise specified				title	
AH								angles		linear		RIBCAGE III SMT VERT. HEADER ASS'Y	
								±2°		.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051		INCH/MM scale 3:1	
								dr		ARTHUR.ZHAO 12/17/19		dwg no sheet7 of 8 size	
								engr		ARTHUR.ZHAO LQ.LEI		95781 A3	
								chr		LQ.LEI 12/17/19		type Product Customer Drawing	
								appd		TIM.YAO 12/17/19			
sheet index		revision sheet											

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form: A3

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PDS: Rev :AH

STATUSReleased

Printed: Dec 20, 2019

mat'l. code				surface		tolerance		projection		product family							
-				ISO 1302		ISO 406 ISO 1101				RIBCAGE							
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title					
AH						angles	linear	.XX±.01/0.3		INCH/MM		RIBCAGE III SMT VERT. HEADER ASS'Y					
								.XXX±.005/0.13									
				±2°				.XXXX±.0020/0.051									
				dr	ARTHUR.ZHAO	12/17/19				dwg no		sheet 7 of 8		size			
				engr	ARTHUR.ZHAO	LQ.LEI				95781		A3					
				chr	LQ.LEI	12/17/19											
				appd	TIM.YAO	12/17/19											
sheet index		revision sheet															

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
90863-115REV	500	44/12	VIEW 2
90863-120	↑	44/12	VIEW 1
90863-125		56/12	↑
90863-130		56/12	
91036-110P		24/16	
93206-110TR	↓	24/12	
93206-115TR	500	44/12	
93221-105TR	400	24/12	
93221-110TR	400	32/12	
93221-115TR	500	44/12	
93221-120TR	500	44/12	
93221-125TR	400	56/12	
93221-130TR	500	56/12	
93221-135TR	↑	72/12	
93221-140TR		72/12	
93221-145TR	↓	72/12	
93221-150TR	500	88/12	VIEW 1

TABLE C

NOTES:

- ① XXXXX-XXXLF
- LEAD FREE OPTION (NOTE 11& 13)
NUMBER OF POSITIONS (NOTE 2)
1:NATURAL COLOUR
2:BLACK COLOUR
2. NUMBER OF POSITIONS = 05 THRU 50 IN 5 POS INCREMENTS.
(EXAMPLE : 05=10 POS., 10=20 POS. ETC.)
- ③ REQUIRED ON -X40,-X45 & -X50 POSITION PARTS ONLY.
- ④ PACKAGING :
A. ANTISTATIC TUBES. SEE TABLE A
B. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN ANTISTATIC TUBES.
EX. : XXXXX-1XXCT
C. PRESSURE SEALED TAPE AND REEL. SEE TABLE C FOR AVAILABLE PART NUMBERS.
5. HOUSING MATERIAL :
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0.
COLOR : NATURAL/BLACK
6. TERMINAL PLATING :
30u"/.76u HARD GOLD OR GXT OVER 50u"/1.27u NI ON CONTACT ZONES.
100u"/2.54u PURE TIN OVER 50u"/1.27u Ni IN SOLDERING ZONES.
- ⑦ MOLDING FLOW RESTRICTOR QUANTITY AND LOCATION IS MANUFACTURING OPTION.
- ⑧ VACUUM CAP SLOT REQUIRED ON ALL SIZES, SLOT MAY BE LOCATED ON OPPOSITE SIDE FOR 2 X 5.
- ⑨ STYLE 6 IS NOT AVAILABLE IN TAPE AND REEL.
- ⑩ 90863-1XX IS PACKAGED ONLY IN TAPE AND REEL.
- ⑪ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTE/PROCEDURES IF THEY ARE AVAILABLE.
13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
14. PRODUCT SPECIFICATION SEE BUS-12-087.

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302 ✓		ISO 406 ISO 1101				RIBCAGE			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title			
AH						angles	linear	.XX±.01/0.3		RIBCAGE III SMT VERT. HEADER ASS'Y			
								.XXX±.005/0.13					
								.XXXX±.0020/0.051					
						±2°		.XXXX±.0020/0.051		scale 3:1			
				dr	ARTHUR.ZHAO	12/17/19				dwg no		sheet8 of 8	size
				enrg	ARTHUR.ZHAO	12/17/19				95781		A3	
				chr	LQ.LEI	12/17/19				type Product Customer Drawing			
				appd	TIM.YAO	12/17/19							
sheet index		revision sheet											

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

[91036-150](#) [90098-130CTLF](#) [87409-125TR](#) [87409-130TR](#) [87409-140TR](#) [87409-105](#) [87409-110](#) [87849-110](#) [87849-125](#) [87849-135](#) [87849-140](#) [87849-145](#) [87849-150](#) [90098-105](#) [90098-110](#) [90098-125](#) [90098-130](#) [90098-135](#) [90098-145](#) [91036-105](#) [91036-110](#) [91036-115](#) [91036-120](#) [91036-125](#) [91036-130](#) [91036-135](#) [91036-145](#) [93289-105](#) [93289-110](#) [93289-115](#) [93289-120](#) [93289-125](#) [93289-130](#) [93289-135](#) [93289-145](#) [93289-150](#) [88566-130LF](#) [91036-105LF](#) [91036-135LF](#) [87401-110](#) [87849-115](#) [93289-140](#) [90098-115CTLF](#) [73547-135LF](#) [73547-145LF](#) [87401-150LF](#) [93221-150LF](#) [90098-140TRLF](#) [73547-140TRLF](#) [87849-150TRLF](#) [87849-135TRLF](#) [93221-140TRLF](#) [87849-130TRLF](#) [93221-145TRLF](#) [93221-130TRLF](#) [73547-120TRLF](#) [90098-135TRLF](#) [73547-115TRLF](#) [73547-150TRLF](#) [90098-110TRLF](#) [93221-145LF](#) [73546-130TRLF](#) [73546-120TRLF](#) [90098-115TRLF](#) [93221-135TRLF](#) [73546-115TRLF](#) [90098-150TRLF](#) [93221-115TRLF](#) [73547-135TRLF](#) [73547-145TRLF](#) [73546-140TRLF](#) [93221-150TRLF](#) [90098-130TRLF](#) [87849-140TRLF](#)