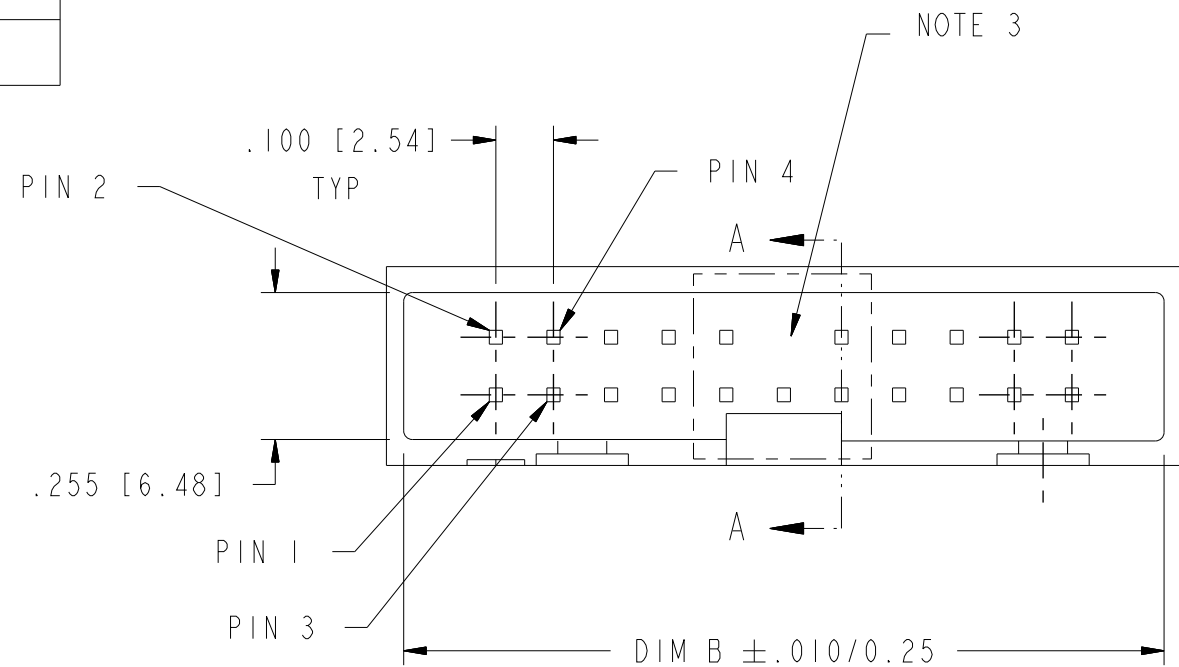
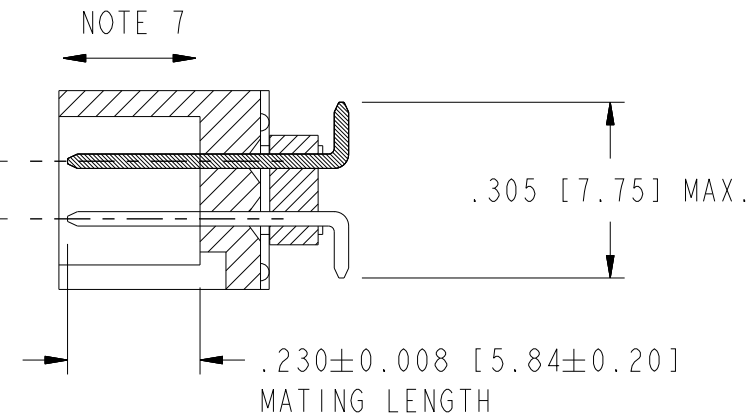


PRODUCT NO

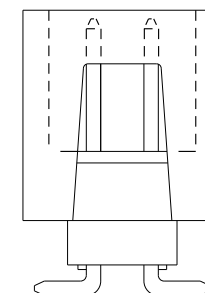
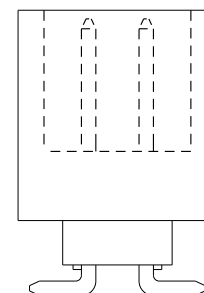
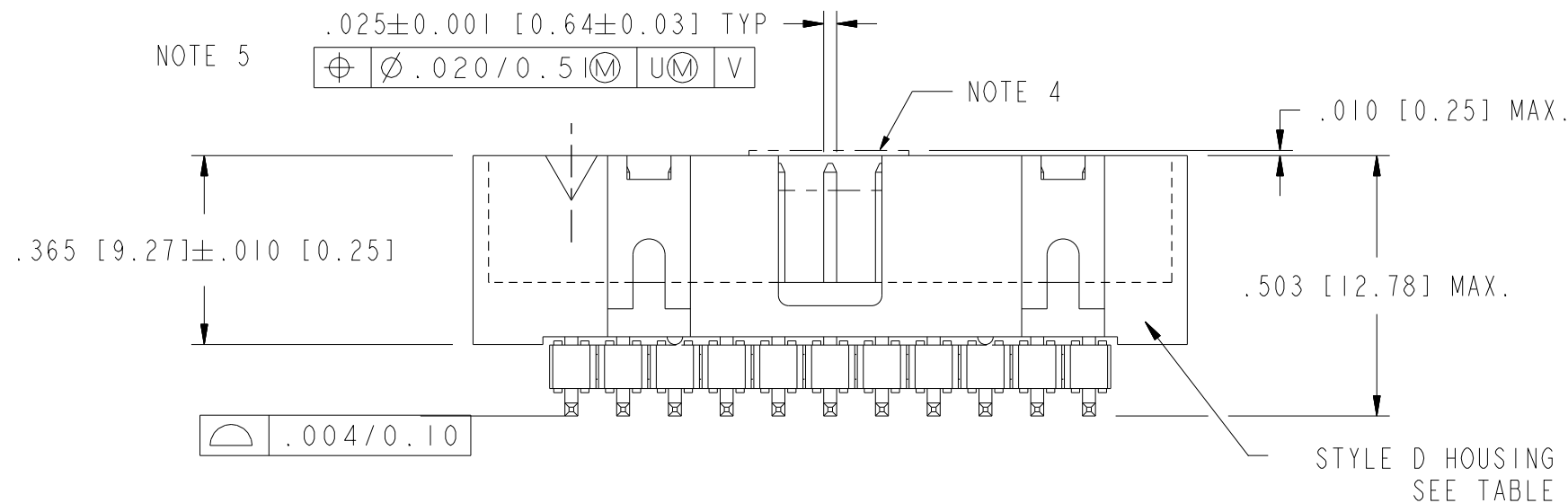
SEE TABLE



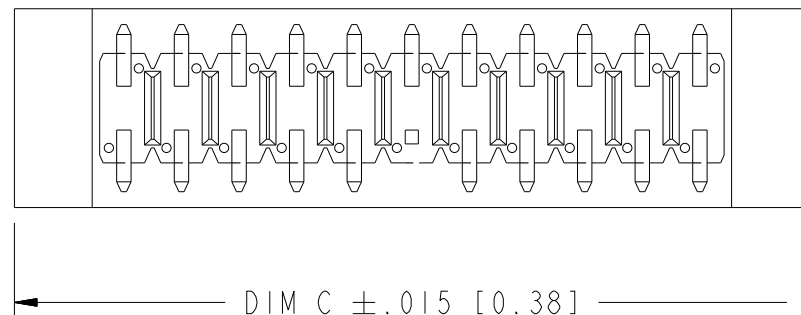
.345 [8.76] REF
 $\oplus \varnothing .006 / 0.15 \text{ (M)} \text{ X}$



SECTION A-A



w/WINDOW OPTION
SEE TABLE



DRAWN WITHOUT WINDOW OPTION

spec ref				dr		Yong Huang		2010/10/25		projection		INCH / MM		size		A3		scale		1.000									
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Zheng-Kun Hu		2013/08/27						ecn no				ELX-N-13688-1							
ISO406								chr		-		-						rel level				Released							
ISO1101								appr				Rick Bian						2013/08/27		product family									
surface						linear		0.X		±0.3				title						QUICK II HDR D/R		dwg no		72454		rev		A	
ISO 1302								0.XX		±0.13																			
								0.XXX		±0.05																			
angular						0°		±2°		www.fci.com		cat. no.		Product - Customer Drw						sheet 1 of 4									



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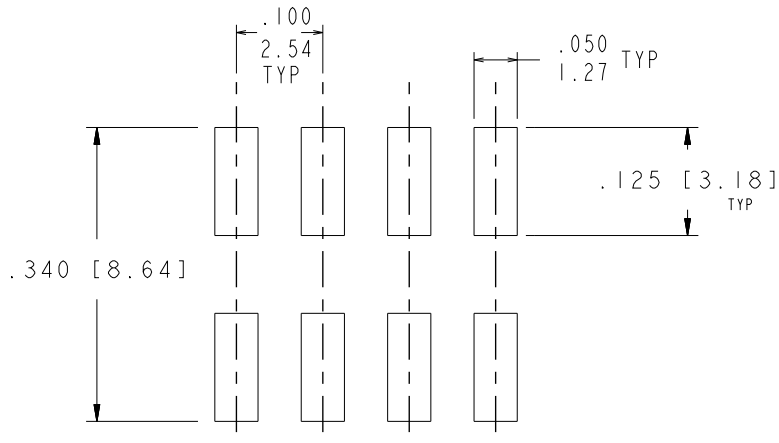
PRODUCT NO SEE TABLE	PLATING CODE	CONTACT AREA PLATING	SOLDER TAIL PLATING	
	AA	30u"/.76u GXT OVER 50u"/1.27u Ni	100u"/2.54u Sn OVER 50u"/1.27u Ni	
	4	100u"/2.54u Sn OVER 50u"/1.27u Ni	100u"/2.54u Sn OVER 50u"/1.27u Ni	

LEAD FREE PLATING	AA	30u"/.76u GXT OVER 50u"/1.27u Ni	100u"/2.54u Sn OVER 50u"/1.27u Ni
	4	100u"/2.54u Sn OVER 50u"/1.27u Ni	100u"/2.54u Sn OVER 50u"/1.27u Ni

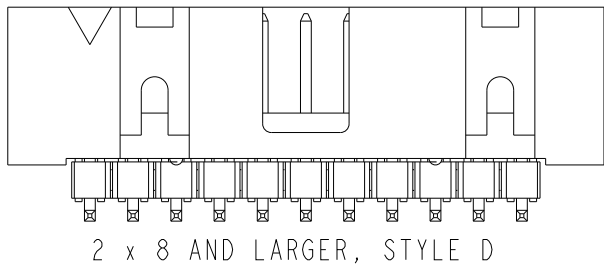
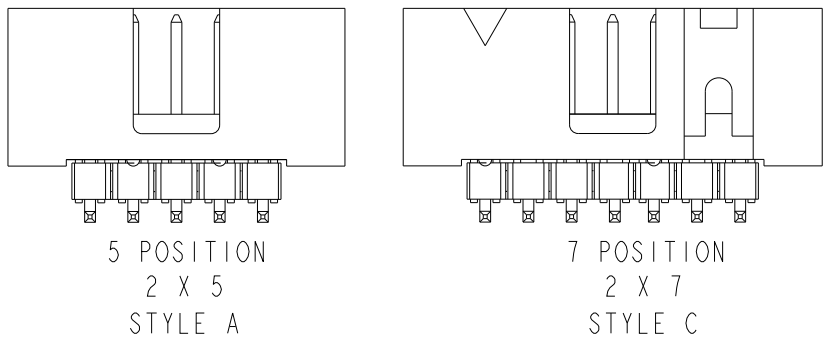
NOTE 11

NOTES:

1. BODY MATERIAL: PA46, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK
OR
MINERAL FILLED LCP, FLAME RETARDENT PER UL-94V-0
COLOR: BLACK
2. PIN MATERIAL: PHOS-BRONZE.
3. PINS DELETED FROM SPECIFIED LOCATIONS FOR POLARIZATION. SEE TABLE FOR LOCATIONS.
4. PACKAGING OPTIONS: CHECK SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS WITHOUT A SUFFIX ARE PACKAGED
PART NUMBERS FOLLOWED BY A "V" SUFFIX ARE PACKAGED
TAPE-ON-REEL INSTALLED PER BUS-14-200 SECTION 2. VACUUM CAP TO BE CENTRALLY LOCATED REGARDLESS OF NUMBER OF POSITIONS.
PART NUMBERS FOLLOWED BY A "B" SUFFIX ARE PACKAGED IN TRAYS WITH A PICK UP CAP INSTALLED PER BUS-14-445 & SEE GS-14-920 FOR LEAD FREE PACKAGED SPEC.
5. MEASURED WITH PART IN RESTRAINED CONDITION.
6. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS (SIMPLEX PLATING ONLY).
7. 2 LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
8. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
11. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
12. PRODUCT SPEC: BUS-12-082

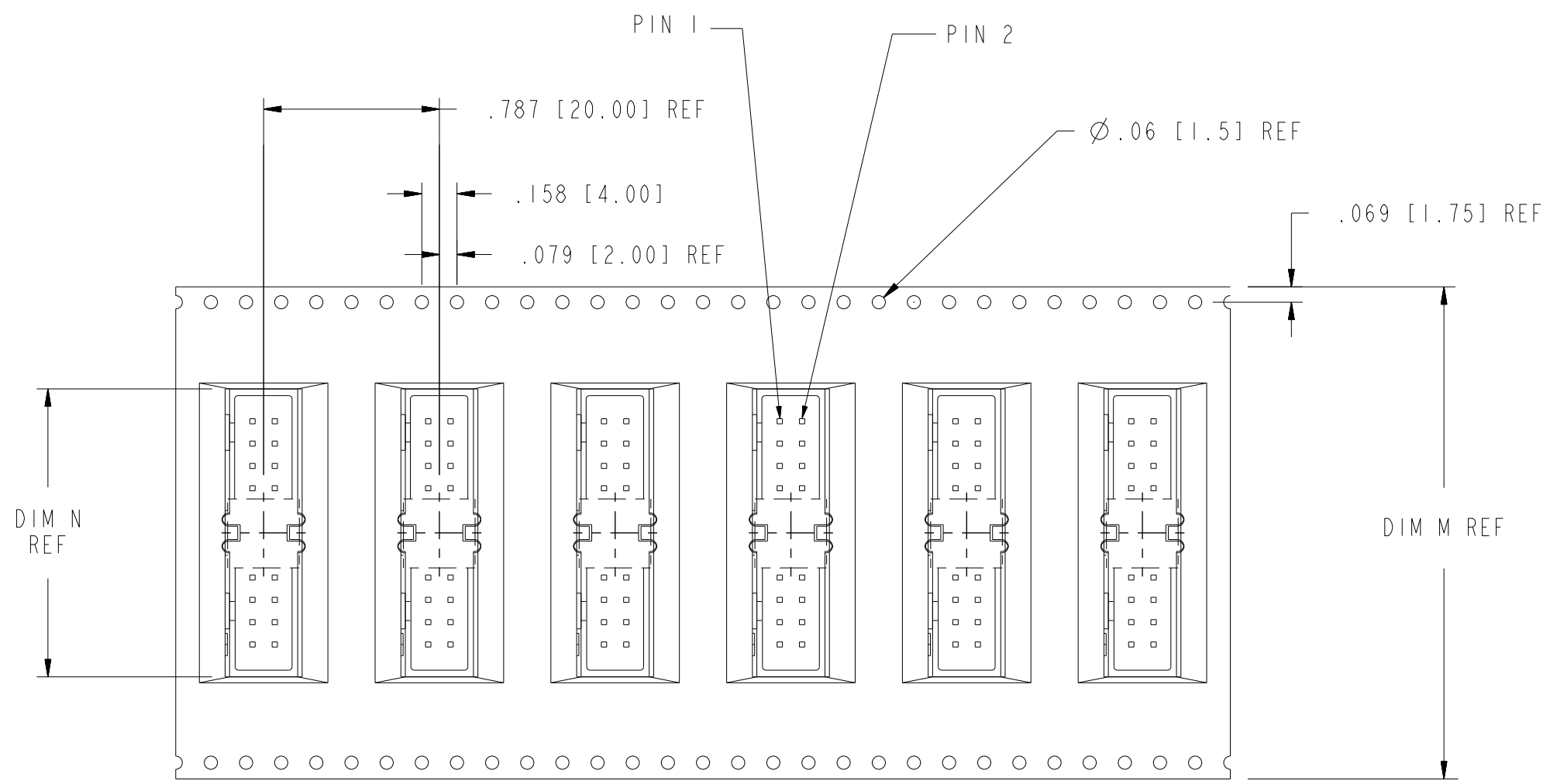


RECOMMENDED PAD LAYOUT
SCALE 4/1

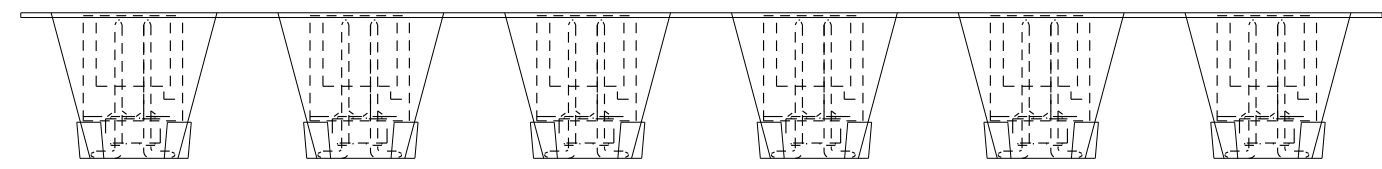


spec ref				dr		Yong Huang		2010/10/25		projection		INCH / MM		size		A3		scale		1.000							
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED								eng		Zheng-Kun Hu		2013/08/27											
ISO406 ISO1101				chr		-		-		appr		Rick Bian		2013/08/27													
												product family				ecn no				ELX-N-13688-1							
																rel level				Released							
surface				linear		0.X		±0.3				title		QUICK 11 HDR D/R						dwg no		72454		rev		AK	
						0.XX		±0.13																			
						0.XXX		±0.05																			
ISO 1302				angular		0°		±2°		www.fci.com		cat. no.				Product - Customer Drw				sheet 2 of 4							

PRODUCT NO
SEE TABLE



UN-REELING DIRECTION OF FEED →



spec ref				dr	Yong Huang	2010/10/25	projection 	INCH/MM ←→	size	A3	scale	1.000
tolerance std				eng	Zheng-Kun Hu	2013/08/27			ecn no			ELX-N-13688-1
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr	-	-			rel level			Released
				appr	Rick Bian	2013/08/27			product family			
surface	✓	linear	0.X	±0.3		QUICK II HDR D/R SLIMLINE SMT ASSEMBLY	cat. no.	Product - Customer Drw	dwg no	72454	rev	AK
			0.XX	±0.13								
			0.XXX	±0.05								
ISO 1302		angular	0°	±2°	www.fci.com							

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PRODUCT NUMBER	NO. OF POSITIONS	DIM B	DIM C	STYLE	POLARIZED POSITION	WINDOW OPTION	PLATING CODE	PACKAGING	TAPE WIDTH DIM M	POCKET DEPTH	DIM N	LEAD FREE OPTION
72454-008	2 X 4	.610/15.50	.690/15.33	A	-	N	AA	TRAY	--	--	--	NOTE 8,9
72454-010	2 X 5	.710/18.03	.790/20.07	A	-	N	AA	TRAY	--	--	--	
72454-010V	2 X 5	.710/18.03	.790/20.07	A	-	N	AA	TAPE ON REEL	1.260/32.00	.515/13.08	.790/20.07	
72454-014	2 X 7	.910/23.11	.99/25.2	C	-	N	AA	TRAY	--	--	--	
72454-014V	2 X 7	.910/23.11	.99/25.2	C	-	N	AA	TAPE ON REEL	1.732/44.00	.515/13.08	1.090/27.69	
72454-016	2 X 8	1.010/25.65	1.090/27.69	D	-	N	AA	TRAY	--	--	--	
72454-016V	2 X 8	1.010/25.65	1.090/27.69	D	-	N	AA	TAPE ON REEL	1.732/44.00	.515/13.08	1.090/27.69	
72454-020	2 X 10	1.210/30.73	1.290/32.77	D	-	N	AA	TRAY	--	--	--	
72454-020V	2 X 10	1.210/30.73	1.290/32.77	D	-	N	AA	TAPE-ON-REEL	2.205/56.00	.505/12.83	1.290/32.77	
72454-021	2 X 11	1.310/33.27	1.390/35.31	D	12	N	AA	TRAY	--	--	--	
72454-022	2 X 11	1.310/33.27	1.390/35.31	D	-	N	AA	TRAY	--	--	--	
72454-024	2 X 12	1.410/35.81	1.490/37.9	D	-	N	AA	--	--	--	--	
72454-024V	2 X 12	1.410/35.81	1.490/37.9	D	-	N	AA	TAPE-ON-REEL	2.205/56.00	.515/13.08	1.490/37.85	
72454-026	2 X 13	1.510/38.35	1.590/40.39	D	-	N	AA	TRAY	--	--	--	
72454-026V	2 X 13	1.510/38.35	1.590/40.39	D	-	N	AA	TAPE-ON-REEL	2.205/56.00	0.787/20.00	1.614/41.00	
72454-030	2 X 15	1.710/43.43	1.790/45.47	D	-	N	AA	TRAY	--	--	--	
72454-030V	2 X 15	1.710/43.43	1.790/45.47	D	-	N	AA	TAPE-ON-REEL	2.834/72.00	0.787/20.00	1.771/45.00	
72454-034	2 X 17	1.910/48.51	1.990/50.60	D	-	N	AA	TRAY	--	--	--	NOTE 8,9
72454-040	2 X 20	2.210/56.13	2.290/58.17	D	-	N	4	TRAY	--	--	--	
72454-040V	2 X 20	2.210/56.13	2.290/58.17	D	-	N	4	TAPE-ON-REEL	3.465/88.00	0.787/20.00	2.290/58.25	
72454-041	2 X 20	2.210/56.13	2.290/58.17	D	-	N	AA	TRAY	--	--	--	
72454-041V	2 X 20	2.210/56.13	2.290/58.17	D	-	N	AA	TAPE-ON-REEL	3.465/88.00	0.787/20.00	2.290/58.25	
72454-044	2 X 22	2.410/61.21	2.490/63.25	D	-	N	AA	TRAY	--	--	--	
72454-050	2 X 25	2.710/68.83	2.790/70.87	D	-	N	AA	TRAY	--	--	--	
72454-051	2 X 10	1.210/30.73	1.290/32.77	D	-	Y	AA	TRAY	--	--	--	
72454-051V	2 X 10	1.210/30.73	1.290/32.77	D	-	Y	AA	TAPE-ON-REEL	2.205/56.00	.505/12.83	1.290/32.77	
72454-052	2 X 20	2.210/56.13	2.290/58.17	D	20	N	AA	TRAY	--	--	--	
72454-053V	2 X 5	0.710/18.03	0.790/20.07	A	9	N	AA	TAPE ON REEL	1.260/32.00	.515/13.08	.790/20.07	

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spec ref				dr	Yong Huang	2010/10/25	projection 	size A3	scale 1.000		
tolerance std				eng	Zheng-Kun Hu	2013/08/27					
ISO406 ISO1101				chr	-	-					
				appr	Rick Bian	2013/08/27	product family	ecn no	ELX-N-13688-1		
								rel level	Released		
surface		linear	0.X 0.XX 0.XXX	±0.3 ±0.13 ±0.05		QUICK II HDR D/R			dwg no 72454	rev AK	
ISO 1302		angular	0°	±2°		SLIMLINE SMT ASSEMBLY					
www.fci.com					cat. no.		Product - Customer Drw			sheet 4 of 4	