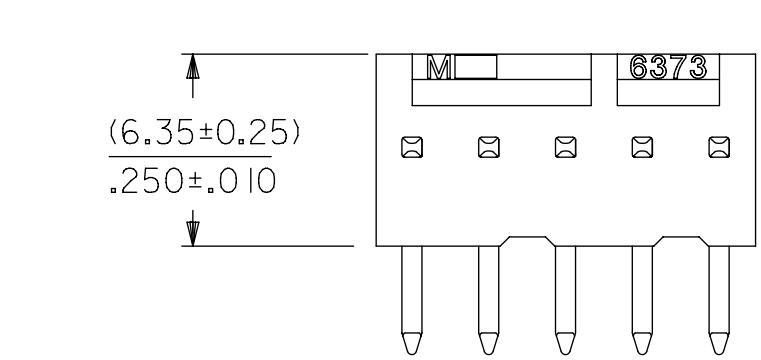
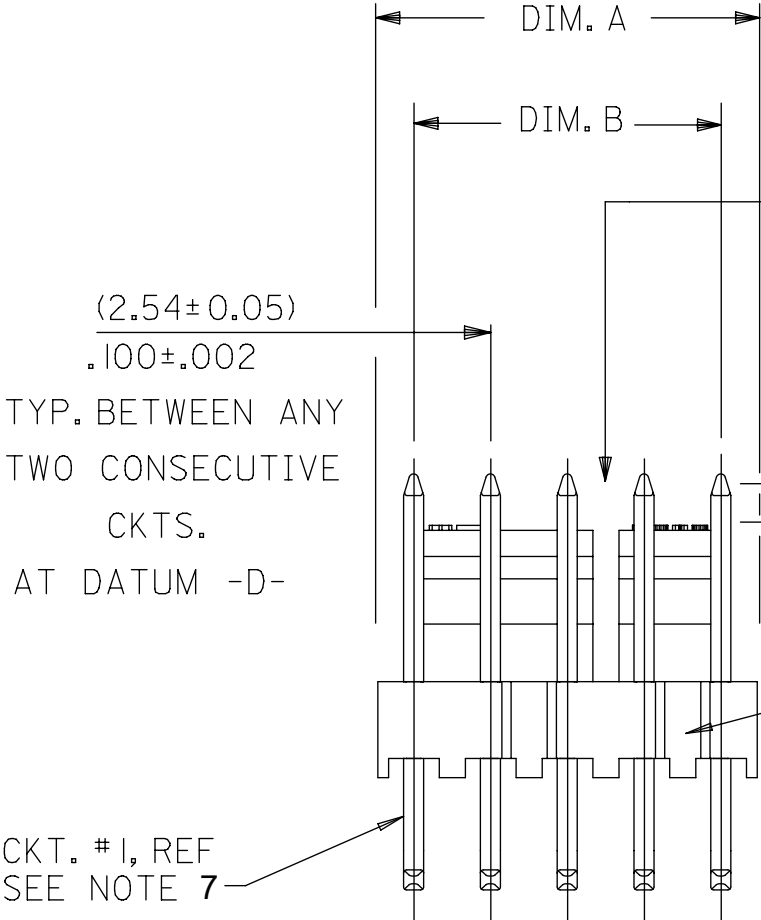


	12		11		10		9		8		7		6		5		4		3		2		1
H	28	(71.12 / 70.61) 2.800 / 2.780	(68.58 ± 0.25) 2.700 ± .010	4 , 5 24 , 25																			
	27	(68.58 / 68.07) 2.700 / 2.680	(66.04 ± 0.25) 2.600 ± .010	4 , 5 24 , 25																			
	26	(66.04 / 65.53) 2.600 / 2.580	(63.50 ± 0.25) 2.500 ± .010	4 , 5 20 , 21																			
	25	(63.50 / 62.99) 2.500 / 2.480	(60.96 ± 0.25) 2.400 ± .010	4 , 5 20 , 21																			
	24	(60.96 / 60.45) 2.400 / 2.380	(58.42 ± 0.25) 2.300 ± .010	4 , 5 20 , 21																			
	23	(58.42 / 57.96) 2.300 / 2.282	(55.88 ± 0.23) 2.200 ± .009	4 , 5 20 , 21																			
G	22	(55.88 / 55.42) 2.200 / 2.182	(53.34 ± 0.23) 2.100 ± .009	4 , 5 16 , 17																			
	21	(53.34 / 52.88) 2.100 / 2.082	(50.80 ± 0.23) 2.000 ± .009	4 , 5 16 , 17																			
	20	(50.80 / 50.34) 2.000 / 1.982	(48.26 ± 0.23) 1.900 ± .009	4 , 5 16 , 17																			
	19	(48.26 / 47.80) 1.900 / 1.882	(45.72 ± 0.23) 1.800 ± .009	4 , 5 16 , 17																			
F	18	(45.72 / 45.31) 1.800 / 1.784	(43.18 ± 0.20) 1.700 ± .008	4 , 5 12 , 13																			
	17	(43.18 / 42.77) 1.700 / 1.684	(40.64 ± 0.20) 1.600 ± .008	4 , 5 12 , 13																			
	16	(40.64 / 40.23) 1.600 / 1.584	(38.10 ± 0.20) 1.500 ± .008	4 , 5 12 , 13																			
	15	(38.10 / 37.69) 1.500 / 1.484	(35.56 ± 0.20) 1.400 ± .008	4 , 5 12 , 13																			
E	14	(35.56 / 35.20) 1.400 / 1.386	(33.02 ± 0.18) 1.300 ± .007	4 , 5 8 , 9																			
	13	(33.02 / 32.66) 1.300 / 1.286	(30.48 ± 0.18) 1.200 ± .007	4 , 5 8 , 9																			
	12	(30.48 / 30.12) 1.200 / 1.186	(27.94 ± 0.18) 1.100 ± .007	4 , 5 8 , 9																			
	11	(27.94 / 27.58) 1.100 / 1.086	(25.40 ± 0.18) 1.000 ± .007	4 , 5 8 , 9																			
D	10	(25.40 / 25.04) 1.000 / .986	(22.86 ± 0.15) .900 ± .006	4 , 5																			
	9	(22.86 / 22.50) .900 / .886	(20.32 ± 0.15) .800 ± .006	4 , 5																			
	8	(20.32 / 19.96) .800 / .786	(17.78 ± 0.15) .700 ± .006	4 , 5																			
	7	(17.78 / 17.42) .700 / .686	(15.24 ± 0.13) .600 ± .005	4 , 5																			
C	6	(15.24 / 14.88) .600 / .586	(12.70 ± 0.13) .500 ± .005	4 , 5																			
	5	(12.70 / 12.40) .500 / .488	(10.16 ± 0.13) .400 ± .005	NONE																			
	4	(10.16 / 9.86) .400 / .388	(7.62 ± 0.13) .300 ± .005	NONE																			
	3	(7.62 / 7.32) .300 / .288	(5.08 ± 0.10) .200 ± .004	NONE																			
B	2	(5.08 / 4.78) .200 / .188	(2.54 ± 0.05) .100 ± .002	NONE																			
	NO. OF CKTS.	DIM. A	DIM. B	SLOTS LOC.																			



NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
(154) = OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
(222) = OVERALL MATTE TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
(228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
(241) = SELECT GOLD: 0.00051/.000020 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION.
CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

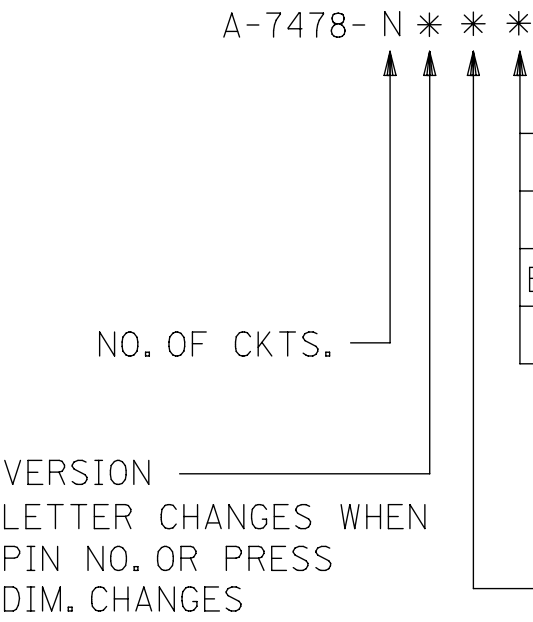


SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)

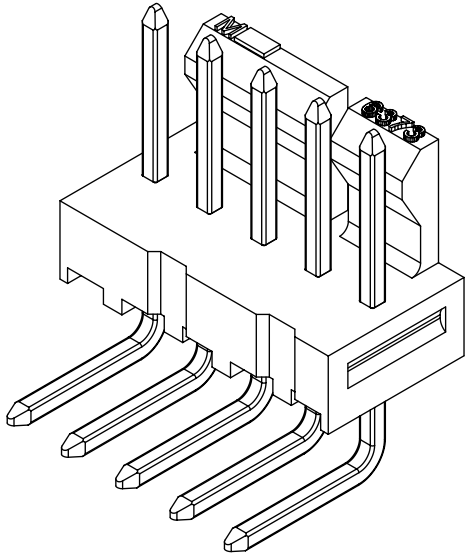
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN (0.20)/.008 IN ANY DIRECTION

RECESSED GATE MAY BE PRESENT ON 2-25 CKT PARTS. LOCATION VARIES.

CKT. #1, REF SEE NOTE 7

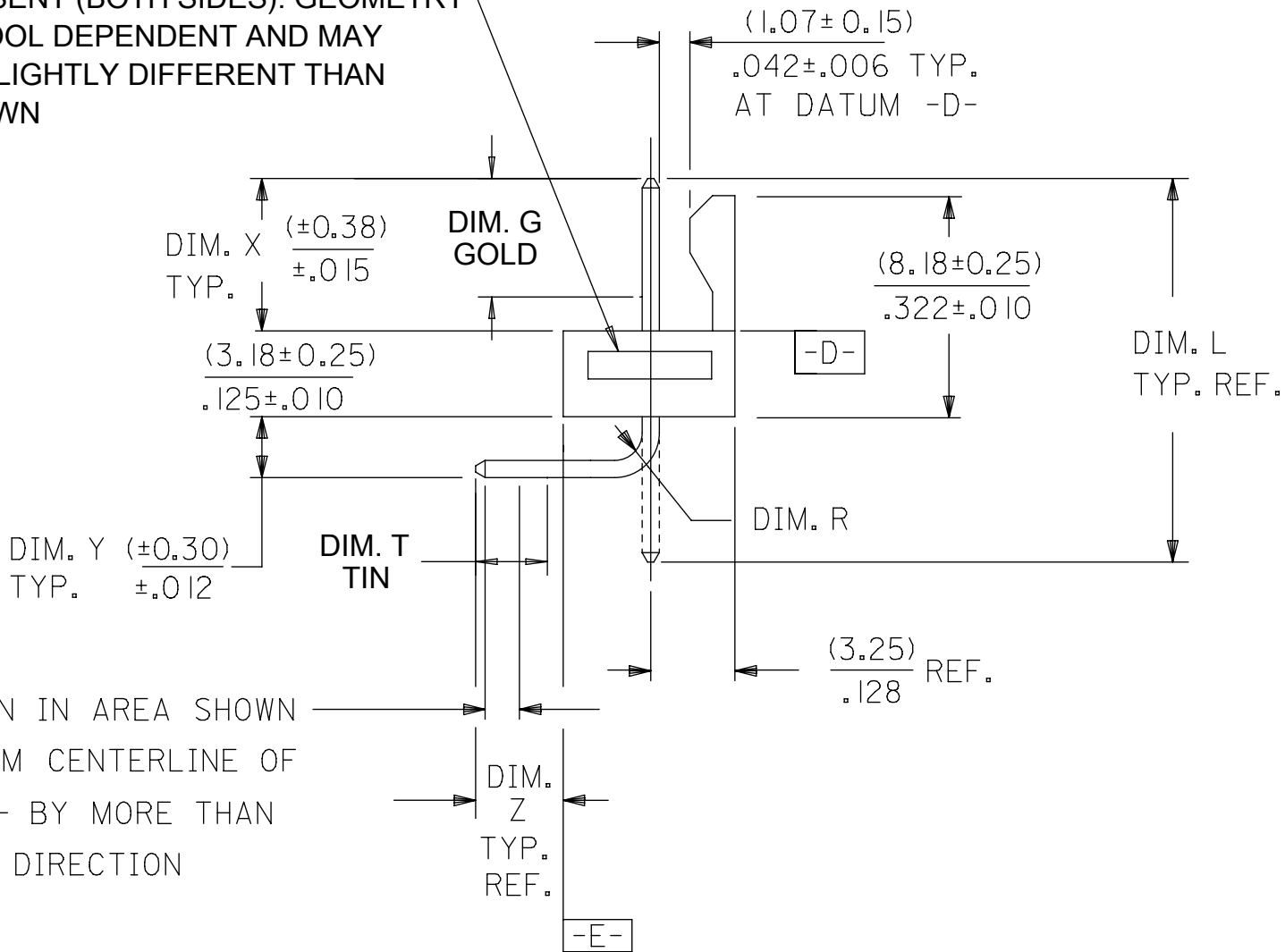


SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PK-7478-001
T	TUBE PER PK-44743-001



CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN (0.13)/.005 IN ANY DIRECTION

GROOVE MAY OR MAY NOT BE PRESENT (BOTH SIDES). GEOMETRY IS TOOL DEPENDENT AND MAY BE SLIGHTLY DIFFERENT THAN SHOWN



	12	11	10		9	8	7	6	5	4	3	2	1
H	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R	DIM. G	DIM. T			
	A-7478-NA222	2766-41(222) OR 4266-0667	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
	A-7478-NA241	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135			
	A-7478-NA241T	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135			
	A-7478-NA197T	4266-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
G													
	A-7478-NA228	42663-0664	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135			
	A-7478-NE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
	A-7478-NF197	42663-0622	(18.29) .720	(6.73) .265	(2.92±.25) .115±.010	(3.18) .125 REF.	90°	(1.17) .046	N/A	OVERALL			
F	A-7478-NH197	42663-0482	(16.51) .650	(7.49) .295	(2.69) .106	(0.64) .025	90°	(.64) .025	N/A	OVERALL			
	A-7478-NM208	42663-0564	(17.53) .690	(7.57) .298	(3.63) .143	(0.64) .025	90°	(.64) .025	(5.08) .200	(3.43) .135			
	A-7478-NA154	42663-0668	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
E	A-7478-ANE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
	A-7478-NM197	42663-0562	(17.53) .690	(7.57) .298	(3.63) .143	(.64) .025	90°	(.64) .025	N/A	OVERALL			
	A-7478-NH228	42663-0483	(16.51) .650	(7.49) .295	(2.69) .106	(.64) .025	90°	(.64) .025	(5.08) .200	(5.08) .200			
D	A-7478-NN197	42663-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
	A-7478-NP197	42663-1142	(24.89) .980	(6.60) .260	(9.73) .383	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
C													
B													
A													
</													

[illegible]

[illegible]

12		11		10		9		8		7		6		5		4		3		2		1	
A-7478-ANE197				A-7478-NM197				A-7478-NH228				A-7478-NN197				A-7478-NP197							
PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.					
		A-7478-A2E197			22-12-4028	A-7478-2M197			22-16-3026	A-7478-2H228				A-7478-2N197		50-29-0033		A-7478-2P197					
		A-7478-A3E197			22-12-4038	A-7478-3M197			22-16-3036	A-7478-3H228				A-7478-3N197				A-7478-3P197					
		A-7478-A4E197			22-12-4048	A-7478-4M197			22-16-3046	A-7478-4H228				A-7478-4N197				A-7478-4P197					
22-05-3055		A-7478-A5E197			22-12-4058	A-7478-5M197			22-16-3056	A-7478-5H228				A-7478-5N197		22-05-8053		A-7478-5P197					
		A-7478-A6E197			22-12-4068	A-7478-6M197			22-16-3066	A-7478-6H228				A-7478-6N197				A-7478-6P197					
22-05-3075		A-7478-A7E197			22-12-4078	A-7478-7M197			22-16-3076	A-7478-7H228				A-7478-7N197				A-7478-7P197					
		A-7478-A8E197			22-12-4088	A-7478-8M197			22-16-3086	A-7478-8H228				A-7478-8N197				A-7478-8P197					
		A-7478-A9E197			22-12-4098	A-7478-9M197			22-16-3096	A-7478-9H228				A-7478-9N197				A-7478-9P197					
		A-7478-A10E197			22-12-4108	A-7478-10M197			22-16-3106	A-7478-10H228				A-7478-10N197				A-7478-10P197					
		A-7478-A11E197			22-12-4118	A-7478-11M197			22-16-3116	A-7478-11H228				A-7478-11N197				A-7478-11P197					
		A-7478-A12E197			22-12-4128	A-7478-12M197			22-16-3126	A-7478-12H228				A-7478-12N197				A-7478-12P197					
		A-7478-A13E197			22-12-4138	A-7478-13M197			22-16-3136	A-7478-13H228				A-7478-13N197				A-7478-13P197					
		A-7478-A14E197			22-12-4148	A-7478-14M197			22-16-3146	A-7478-14H228				A-7478-14N197				A-7478-14P197					
		A-7478-A15E197			22-12-4158	A-7478-15M197			22-16-3156	A-7478-15H228				A-7478-15N197				A-7478-15P197					
		A-7478-A16E197			22-12-4168	A-7478-16M197			22-16-3166	A-7478-16H228				A-7478-16N197				A-7478-16P197					
		A-7478-A17E197			22-12-4178	A-7478-17M197			22-16-3176	A-7478-17H228		22-59-5176		A-7478-17N197				A-7478-17P197					
		A-7478-A18E197			22-12-4188	A-7478-18M197			22-16-3186	A-7478-18H228				A-7478-18N197				A-7478-18P197					
22-05-3195		A-7478-A19E197			22-12-4198	A-7478-19M197			22-16-3196	A-7478-19H228				A-7478-19N197				A-7478-19P197					
		A-7478-A20E197			22-12-4208	A-7478-20M197			22-16-3206	A-7478-20H228				A-7478-20N197				A-7478-20P197					
		A-7478-A21E197			22-12-4218	A-7478-21M197			22-16-3216	A-7478-21H228				A-7478-21N197				A-7478-21P197					
		A-7478-A22E197			22-12-4228	A-7478-22M197			22-16-3226	A-7478-22H228				A-7478-22N197				A-7478-22P197					
		A-7478-A23E197			22-12-4238	A-7478-23M197			22-16-3236	A-7478-23H228				A-7478-23N197				A-7478-23P197					
		A-7478-A24E197			22-12-4248	A-7478-24M197			22-16-3246	A-7478-24H228				A-7478-24N197				A-7478-24P197					
		A-7478-A25E197			22-12-4258	A-7478-25M197			22-16-3256	A-7478-25H228				A-7478-25N197				A-7478-25P197					
		A-7478-A26E197			22-12-4268	A-7478-26M197			22-16-3266	A-7478-26H228				A-7478-26N197				A-7478-26P197					
		A-7478-A27E197			22-12-4278	A-7478-27M197			22-16-3276	A-7478-27H228				A-7478-27N197				A-7478-27P197					
		A-7478-A28E197			22-12-4288	A-7478-28M197			22-16-3286	A-7478-28H228				A-7478-28N197				A-7478-28P197					

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
SEE SHEET 1		= 0	2016/03/16 2017/04/11 2017/04/28	EC NO: 111298 DRWN: MKIPPER CHKD: MKIPPER REV APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex											
					MM	INCH	MM/IN	NTS															
	4 PLACES ± ±				DRWN BY		DATE		FRICITION LOCK HEADER ASY .100 CL BENT SQ. PINS 7478 SERIES														
	3 PLACES ± ± .010				GUZIC		1987/07/30																
	2 PLACES ± 0.25 ± .015				CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING														
	1 PLACES ± 0.38 ±				PATEL		1987/07/30																
	0 PLACES ± ±				APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER														
	ANGULAR TOL ± 1/2				FSMITH		2014/05/16																
	DRAFT WHERE APPLICABLE WITHIN DIMENSIONS				DRAWING SIZE		THIRD ANGLE PROJECTION		7478 SEE CHART GENERAL MARKET														
					C																		
RELEASE STATUS		P1	RELEASE DATE		28.04.2017 22:16:23		DOCUMENT NUMBER		SDA-7478		DOC TYPE		PSD		DOC PART		000		SHEET NUMBER		5 OF 5		
12		11		10		9		8		7		6		5		4		3		2		1	

FORMAT: Edge layer transfer to print C

REVISION: B

DATE: 2016/11/19