

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022280067](#)
Status: **Active**
Description: 2.54mm (.100") Pitch KK® Header, Breakaway, Vertical, with Friction Lock, 6 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, with Backwalls Removed

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification \(PDF\)](#)
[Product Specification PS-10-07 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

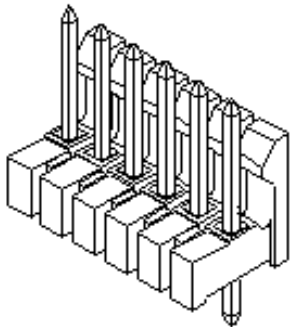
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42227](#)
Application Wire-to-Board
Comments Backwalls Removed
Product Name KK®

Physical

Breakaway Yes
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Black
Durability (mating cycles max) 100
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.120 In
PC Tail Length (mm) 3.05 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 15
Plating min: Mating (µm) 0.375
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.5
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[42227Series](#)

Mates With
[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

Electrical

Current - Maximum per Contact	4A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

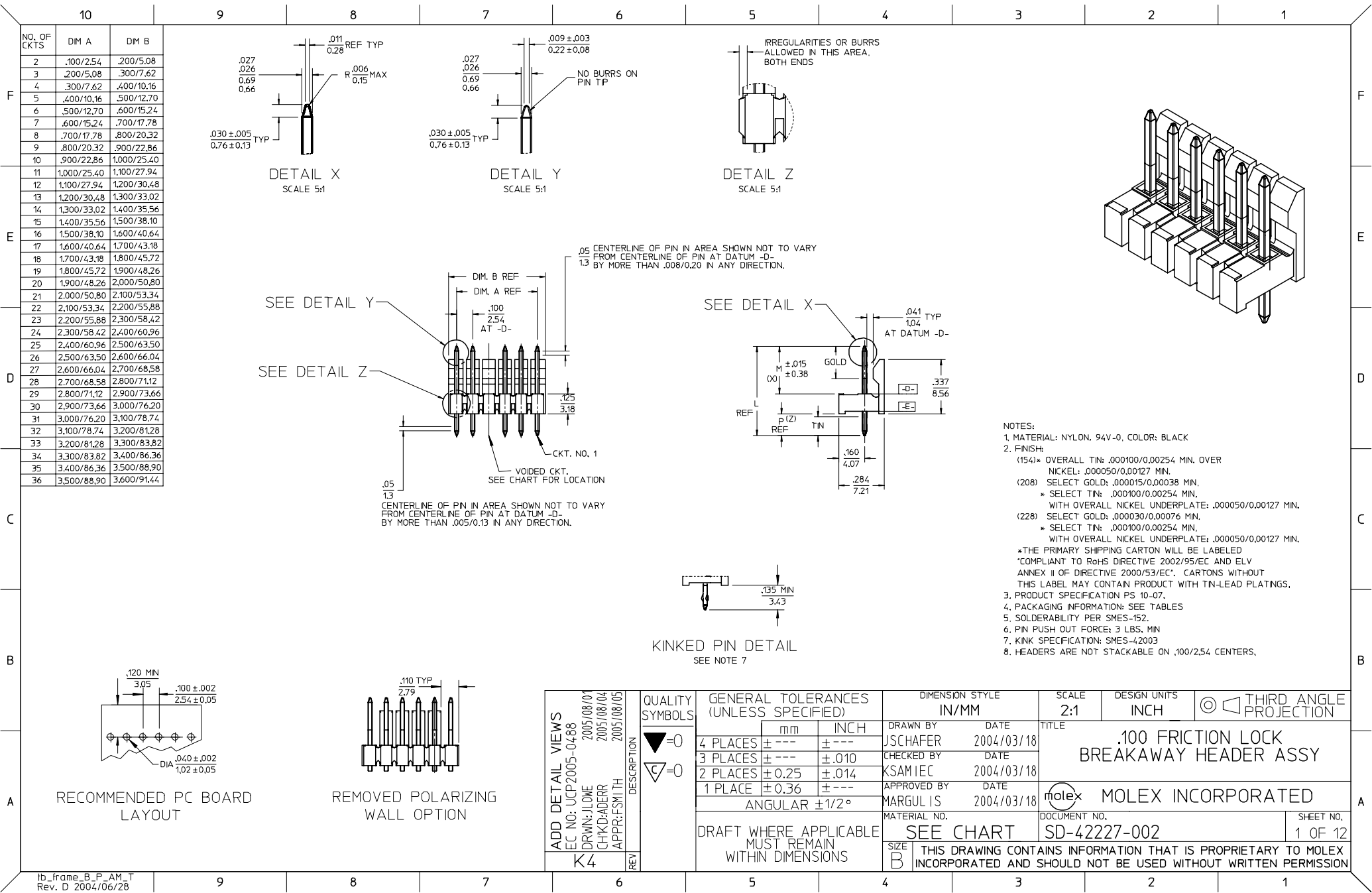
Old Part Number	42227-0251
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Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SD-42227-002

This document was generated on 03/21/2010

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NOTES:
1. MATERIAL: NYLON, 94V-0, COLOR: BLACK
2. FINISH:
(154)* OVERALL TIN: .000100/0.00254 MIN. OVER
NICKEL: .000050/0.00127 MIN.
(208) SELECT GOLD: .000015/0.00038 MIN.
* SELECT TIN: .000100/0.00254 MIN.
WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
(228) SELECT GOLD: .000030/0.00076 MIN.
* SELECT TIN: .000100/0.00254 MIN.
WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
*THE PRIMARY SHIPPING CARTON WILL BE LABELED
"COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV
ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATINGS.
3. PRODUCT SPECIFICATION PS 10-07.
4. PACKAGING INFORMATION: SEE TABLES
5. SOLDERABILITY PER SMES-152.
6. PIN PUSH OUT FORCE: 3 LBS. MIN
7. KINK SPECIFICATION: SMES-42003
8. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.

ADD DETAIL VIEWS EC NO: UCP2005-0488 DRWN: JLOWE CHKD: ADERR APPR: FSWITH		2005/08/01 2005/08/04 2005/08/05	QUALITY SYMBOLS ▽=0 ◇=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ◎ □	
					mm	INCH	DRAWN BY DATE	TITLE				
K4	REV				4 PLACES	± ---	± ---	JSCHAFER	2004/03/18	.100 FRICTION LOCK BREAKAWAY HEADER ASSY		
					3 PLACES	± ---	± .010	CHECKED BY	DATE			
					2 PLACES	± 0.25	± .014	KSAMIEC	2004/03/18			
					1 PLACE	± 0.36	± ---	APPROVED BY	DATE	MOLEX INCORPORATED		
					ANGULAR ±1/2°		MARGULIS	2004/03/18				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		DOCUMENT NO. SD-42227-002		SHEET NO. 1 OF 12				
		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

A-42227-0213/0246						A-42227-0248/0281							
HEADER NUMBER:		41411				HEADER NUMBER:		41411					
PIN NUMBER:		42663-AXA154				PIN NUMBER:		42663-AXB208					
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.540/13.72					
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49					
GOLD POINT: G		N/A				GOLD POINT: G		.140/3.56					
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.120/3.05					
TIN: T		OVERALL				TIN: T		.135/3.43					
CKTS:		3-36				CKTS:		3-36					
KINKS:		NO				KINKS:		NO					
REMOVED BACKWALLS:		YES				REMOVED BACKWALLS:		YES					
VOIDED CKTS:		NONE				VOIDED CKTS:		NONE					
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056					
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER		
02			20	22-28-0206	A-42227-0230	02			20	22-28-0207	A-42227-0265		
03	22-28-0036	A-42227-0213	21	22-28-0216	A-42227-0231	03	22-28-0037	A-42227-0248	21	22-28-0217	A-42227-0266		
04	22-28-0046	A-42227-0214	22	22-28-0226	A-42227-0232	04	22-28-0047	A-42227-0249	22	22-28-0227	A-42227-0267		
05	22-28-0056	A-42227-0215	23	22-28-0236	A-42227-0233	05	22-28-0057	A-42227-0250	23	22-28-0237	A-42227-0268		
06	22-28-0066	A-42227-0216	24	22-28-0246	A-42227-0234	06	22-28-0067	A-42227-0251	24	22-28-0247	A-42227-0269		
07	22-28-0076	A-42227-0217	25	22-28-0256	A-42227-0235	07	22-28-0077	A-42227-0252	25	22-28-0257	A-42227-0270		
08	22-28-0086	A-42227-0218	26	22-28-0266	A-42227-0236	08	22-28-0087	A-42227-0253	26	22-28-0267	A-42227-0271		
09	22-28-0096	A-42227-0219	27	22-28-0276	A-42227-0237	09	22-28-0097	A-42227-0254	27	22-28-0277	A-42227-0272		
10	22-28-0106	A-42227-0220	28	22-28-0286	A-42227-0238	10	22-28-0107	A-42227-0255	28	22-28-0287	A-42227-0273		
11	22-28-0116	A-42227-0221	29	22-28-0296	A-42227-0239	11	22-28-0117	A-42227-0256	29	22-28-0297	A-42227-0274		
12	22-28-0126	A-42227-0222	30	22-28-0306	A-42227-0240	12	22-28-0127	A-42227-0257	30	22-28-0307	A-42227-0275		
13	22-28-0136	A-42227-0223	31	22-28-0316	A-42227-0241	13	22-28-0137	A-42227-0258	31	22-28-0317	A-42227-0276		
14	22-28-0146	A-42227-0224	32	22-28-0326	A-42227-0242	14	22-28-0147	A-42227-0259	32	22-28-0327	A-42227-0277		
15	22-28-0156	A-42227-0225	33	22-28-0336	A-42227-0243	15	22-28-0157	A-42227-0260	33	22-28-0337	A-42227-0278		
16	22-28-0166	A-42227-0226	34	22-28-0346	A-42227-0244	16	22-28-0167	A-42227-0261	34	22-28-0347	A-42227-0279		
17	22-28-0176	A-42227-0227	35	22-28-0356	A-42227-0245	17	22-28-0177	A-42227-0262	35	22-28-0357	A-42227-0280		
18	22-28-0186	A-42227-0228	36	22-28-0366	A-42227-0246	18	22-28-0187	A-42227-0263	36	22-28-0367	A-42227-0281		
19	22-28-0196	A-42227-0229				19	22-28-0197	A-42227-0264					
REV:						TITLE:				SHEET No.			
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 2 -			
DOCUMENT NUMBER:					CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:		
SD- 42227 -002					ADERR 04/22/2005			SSOUSEK 04/25/2005			FSMITH 04/26/2005		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC													

A-42227-0283/0316						A-42227-0318/0351					
HEADER NUMBER:		41411				HEADER NUMBER:		41411			
PIN NUMBER:		42663-AXB228				PIN NUMBER:		42663-BAA154			
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.555/14.10			
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56				GOLD POINT: G		N/A			
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.135/3.43			
TIN: T		.135/3.43				TIN: T		OVERALL			
CKTS:		3-36				CKTS:		3-36			
KINKS:		NO				KINKS:		YES			
REMOVED BACKWALLS:		YES				REMOVED BACKWALLS:		YES			
VOIDED CKTS:		NONE				VOIDED CKTS:		NONE			
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	22-28-0208	A-42227-0300	02			20	22-28-0209	A-42227-0335
03	22-28-0038	A-42227-0283	21	22-28-0218	A-42227-0301	03	22-28-0039	A-42227-0318	21	22-28-0219	A-42227-0336
04	22-28-0048	A-42227-0284	22	22-28-0228	A-42227-0302	04	22-28-0049	A-42227-0319	22	22-28-0229	A-42227-0337
05	22-28-0058	A-42227-0285	23	22-28-0238	A-42227-0303	05	22-28-0059	A-42227-0320	23	22-28-0239	A-42227-0338
06	22-28-0068	A-42227-0286	24	22-28-0248	A-42227-0304	06	22-28-0069	A-42227-0321	24	22-28-0249	A-42227-0339
07	22-28-0078	A-42227-0287	25	22-28-0258	A-42227-0305	07	22-28-0079	A-42227-0322	25	22-28-0259	A-42227-0340
08	22-28-0088	A-42227-0288	26	22-28-0268	A-42227-0306	08	22-28-0089	A-42227-0323	26	22-28-0269	A-42227-0341
09	22-28-0098	A-42227-0289	27	22-28-0278	A-42227-0307	09	22-28-0099	A-42227-0324	27	22-28-0279	A-42227-0342
10	22-28-0108	A-42227-0290	28	22-28-0288	A-42227-0308	10	22-28-0109	A-42227-0325	28	22-28-0289	A-42227-0343
11	22-28-0118	A-42227-0291	29	22-28-0298	A-42227-0309	11	22-28-0119	A-42227-0326	29	22-28-0299	A-42227-0344
12	22-28-0128	A-42227-0292	30	22-28-0308	A-42227-0310	12	22-28-0129	A-42227-0327	30	22-28-0309	A-42227-0345
13	22-28-0138	A-42227-0293	31	22-28-0318	A-42227-0311	13	22-28-0139	A-42227-0328	31	22-28-0319	A-42227-0346
14	22-28-0148	A-42227-0294	32	22-28-0328	A-42227-0312	14	22-28-0149	A-42227-0329	32	22-28-0329	A-42227-0347
15	22-28-0158	A-42227-0295	33	22-28-0338	A-42227-0313	15	22-28-0159	A-42227-0330	33	22-28-0339	A-42227-0348
16	22-28-0168	A-42227-0296	34	22-28-0348	A-42227-0314	16	22-28-0169	A-42227-0331	34	22-28-0349	A-42227-0349
17	22-28-0178	A-42227-0297	35	22-28-0358	A-42227-0315	17	22-28-0179	A-42227-0332	35	22-28-0359	A-42227-0350
18	22-28-0188	A-42227-0298	36	22-28-0368	A-42227-0316	18	22-28-0189	A-42227-0333	36	22-28-0369	A-42227-0351
19	22-28-0198	A-42227-0299				19	22-28-0199	A-42227-0334			
REV:						TITLE:				SHEET No.	
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 3 -	
DOCUMENT NUMBER:				CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:			
SD- 42227 -002				ADERR 04/22/2005		SSOUSEK 04/25/2005		FSMITH 04/26/2005			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42227-0422/0455						A-42227-0456/0487					
HEADER NUMBER:		41411				HEADER NUMBER:		41411			
PIN NUMBER:		42663-AXB228				PIN NUMBER:		42663-AXB228			
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.540/13.72			
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56				GOLD POINT: G		.140/3.56			
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.120/3.05			
TIN: T		.135/3.43				TIN: T		.135/3.43			
CKTS:		3-36				CKTS:		5-36			
KINKS:		NO				KINKS:		NO			
REMOVED BACKWALLS:		YES				REMOVED BACKWALLS:		YES			
VOIDED CKTS:		3				VOIDED CKTS:		5			
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	42227-0439	A-42227-0439	02			20	42227-0471	A-42227-0471
03	42227-0422	A-42227-0422	21	42227-0440	A-42227-0440	03			21	42227-0472	A-42227-0472
04	42227-0423	A-42227-0423	22	42227-0441	A-42227-0441	04			22	42227-0473	A-42227-0473
05	42227-0424	A-42227-0424	23	42227-0442	A-42227-0442	05	42227-0456	A-42227-0456	23	42227-0474	A-42227-0474
06	42227-0425	A-42227-0425	24	42227-0443	A-42227-0443	06	42227-0457	A-42227-0457	24	42227-0475	A-42227-0475
07	22-29-0070	A-42227-0426	25	42227-0444	A-42227-0444	07	42227-0458	A-42227-0458	25	42227-0476	A-42227-0476
08	42227-0427	A-42227-0427	26	42227-0445	A-42227-0445	08	42227-0459	A-42227-0459	26	42227-0477	A-42227-0477
09	42227-0428	A-42227-0428	27	42227-0446	A-42227-0446	09	42227-0460	A-42227-0460	27	42227-0478	A-42227-0478
10	42227-0429	A-42227-0429	28	42227-0447	A-42227-0447	10	22-29-0101	A-42227-0461	28	42227-0479	A-42227-0479
11	42227-0430	A-42227-0430	29	42227-0448	A-42227-0448	11	22-29-0111	A-42227-0462	29	42227-0480	A-42227-0480
12	42227-0431	A-42227-0431	30	42227-0449	A-42227-0449	12	42227-0463	A-42227-0463	30	42227-0481	A-42227-0481
13	42227-0432	A-42227-0432	31	42227-0450	A-42227-0450	13	42227-0464	A-42227-0464	31	42227-0482	A-42227-0482
14	42227-0433	A-42227-0433	32	42227-0451	A-42227-0451	14	42227-0465	A-42227-0465	32	42227-0483	A-42227-0483
15	42227-0434	A-42227-0434	33	42227-0452	A-42227-0452	15	42227-0466	A-42227-0466	33	42227-0484	A-42227-0484
16	42227-0435	A-42227-0435	34	42227-0453	A-42227-0453	16	42227-0467	A-42227-0467	34	42227-0485	A-42227-0485
17	42227-0436	A-42227-0436	35	42227-0454	A-42227-0454	17	42227-0468	A-42227-0468	35	42227-0486	A-42227-0486
18	42227-0437	A-42227-0437	36	42227-0455	A-42227-0455	18	42227-0469	A-42227-0469	36	42227-0487	A-42227-0487
19	42227-0438	A-42227-0438				19	42227-0470	A-42227-0470			
REV:						TITLE:				SHEET No.	
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 4 -	
DOCUMENT NUMBER:			CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:		
SD- 42227 -002			ADERR 04/22/2005			SSOUSEK 04/25/2005			FSMITH 04/26/2005		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42227-0488/0521						A-42227-0522/0555											
HEADER NUMBER:		41411				HEADER NUMBER:		41411									
PIN NUMBER:		42663-BAA154				PIN NUMBER:		42663-AXA154									
PIN LENGTH: L		.555/14.10				PIN LENGTH: L		.540/13.72									
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49									
GOLD POINT: G		N/A				GOLD POINT: G		N/A									
PC TAIL LENGTH: P		.135/3.43				PC TAIL LENGTH: P		.120/3.05									
TIN: T		OVERALL				TIN: T		OVERALL									
CKTS:		3-36				CKTS:		3-36									
KINKS:		YES				KINKS:		NO									
REMOVED BACKWALLS:		YES				REMOVED BACKWALLS:		YES									
VOIDED CKTS:		2				VOIDED CKTS:		2									
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056									
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER						
02			20	22-29-0202	A-42227-0505	02			20	42227-0539	A-42227-0539						
03	22-29-0032	A-42227-0488	21	22-29-0212	A-42227-0506	03	42227-0522	A-42227-0522	21	42227-0540	A-42227-0540						
04	22-29-0042	A-42227-0489	22	22-29-0222	A-42227-0507	04	42227-0523	A-42227-0523	22	42227-0541	A-42227-0541						
05	22-29-0052	A-42227-0490	23	22-29-0232	A-42227-0508	05	42227-0524	A-42227-0524	23	42227-0542	A-42227-0542						
06	22-29-0062	A-42227-0491	24	22-29-0242	A-42227-0509	06	42227-0525	A-42227-0525	24	42227-0543	A-42227-0543						
07	22-29-0072	A-42227-0492	25	22-29-0252	A-42227-0510	07	42227-0526	A-42227-0526	25	42227-0544	A-42227-0544						
08	22-29-0082	A-42227-0493	26	22-29-0262	A-42227-0511	08	42227-0527	A-42227-0527	26	42227-0545	A-42227-0545						
09	22-29-0092	A-42227-0494	27	22-29-0272	A-42227-0512	09	42227-0528	A-42227-0528	27	42227-0546	A-42227-0546						
10	22-29-0102	A-42227-0495	28	22-29-0282	A-42227-0513	10	42227-0529	A-42227-0529	28	42227-0547	A-42227-0547						
11	22-29-0112	A-42227-0496	29	22-29-0292	A-42227-0514	11	42227-0530	A-42227-0530	29	42227-0548	A-42227-0548						
12	22-29-0122	A-42227-0497	30	22-29-0302	A-42227-0515	12	42227-0531	A-42227-0531	30	42227-0549	A-42227-0549						
13	22-29-0132	A-42227-0498	31	22-29-0312	A-42227-0516	13	42227-0532	A-42227-0532	31	42227-0550	A-42227-0550						
14	22-29-0142	A-42227-0499	32	22-29-0322	A-42227-0517	14	42227-0533	A-42227-0533	32	42227-0551	A-42227-0551						
15	22-29-0152	A-42227-0500	33	22-29-0332	A-42227-0518	15	42227-0534	A-42227-0534	33	42227-0552	A-42227-0552						
16	22-29-0162	A-42227-0501	34	22-29-0342	A-42227-0519	16	42227-0535	A-42227-0535	34	42227-0553	A-42227-0553						
17	22-29-0172	A-42227-0502	35	22-29-0352	A-42227-0520	17	42227-0536	A-42227-0536	35	42227-0554	A-42227-0554						
18	22-29-0182	A-42227-0503	36	22-29-0362	A-42227-0521	18	42227-0537	A-42227-0537	36	42227-0555	A-42227-0555						
19	22-29-0192	A-42227-0504				19	42227-0538	A-42227-0538									
REV:						TITLE:		.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				SHEET No. - 5 -					
DOCUMENT NUMBER:		SD- 42227 -002				CREATED / REVISED BY:		ADERR 04/22/2005		CHECKED BY:		SSOUSEK 04/25/2005		APPROVED BY:		FSMITH 04/26/2005	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC																	

A-42227-0590/0617						A-42227-0618/0647							
HEADER NUMBER:		41411				HEADER NUMBER:		41411					
PIN NUMBER:		42663-AXA154				PIN NUMBER:		42663-AXB228					
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.540/13.72					
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49					
GOLD POINT: G		N/A				GOLD POINT: G		.180/4.57					
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.120/3.05					
TIN: T		OVERALL				TIN: T		.135/3.43					
CKTS:		9-36				CKTS:		7-36					
KINKS:		YES, 1,7 ONLY SEE NOTE 7				KINKS:		NO					
REMOVED BACKWALLS:		NO				REMOVED BACKWALLS:		NO					
VOIDED CKTS:		2, 3, 5, 6, 8, 9				VOIDED CKTS:		7					
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056					
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER		
02			20	22-29-0204	A-42227-0601	02			20	42227-0631	A-42227-0631		
03			21	22-29-0214	A-42227-0602	03			21	42227-0632	A-42227-0632		
04			22	22-29-0224	A-42227-0603	04			22	42227-0633	A-42227-0633		
05			23	22-29-0234	A-42227-0604	05			23	42227-0634	A-42227-0634		
06			24	22-29-0244	A-42227-0605	06			24	42227-0635	A-42227-0635		
07			25	22-29-0254	A-42227-0606	07	42227-0618	A-42227-0618	25	42227-0636	A-42227-0636		
08			26	22-29-0264	A-42227-0607	08	42227-0619	A-42227-0619	26	42227-0637	A-42227-0637		
09	22-29-0094	A-42227-0590	27	22-29-0274	A-42227-0608	09	42227-0620	A-42227-0620	27	42227-0638	A-42227-0638		
10	22-29-0104	A-42227-0591	28	22-29-0284	A-42227-0609	10	42227-0621	A-42227-0621	28	42227-0639	A-42227-0639		
11	22-29-0114	A-42227-0592	29	22-29-0294	A-42227-0610	11	42227-0622	A-42227-0622	29	42227-0640	A-42227-0640		
12	22-29-0124	A-42227-0593	30	22-29-0304	A-42227-0611	12	42227-0623	A-42227-0623	30	42227-0641	A-42227-0641		
13	22-29-0134	A-42227-0594	31	22-29-0314	A-42227-0612	13	42227-0624	A-42227-0624	31	42227-0642	A-42227-0642		
14	22-29-0144	A-42227-0595	32	22-29-0324	A-42227-0613	14	42227-0625	A-42227-0625	32	42227-0643	A-42227-0643		
15	22-29-0154	A-42227-0596	33	22-29-0334	A-42227-0614	15	42227-0626	A-42227-0626	33	42227-0644	A-42227-0644		
16	22-29-0164	A-42227-0597	34	22-29-0344	A-42227-0615	16	42227-0627	A-42227-0627	34	42227-0645	A-42227-0645		
17	22-29-0174	A-42227-0598	35	22-29-0354	A-42227-0616	17	42227-0628	A-42227-0628	35	42227-0646	A-42227-0646		
18	22-29-0184	A-42227-0599	36	22-29-0364	A-42227-0617	18	42227-0629	A-42227-0629	36	42227-0647	A-42227-0647		
19	22-29-0194	A-42227-0600				19	42227-0630	A-42227-0630					
REV:						TITLE:				SHEET No.			
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 6 -			
DOCUMENT NUMBER:					CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:		
SD- 42227 -002					ADERR 04/22/2005			SSOUSEK 04/25/2005			FSMITH 04/26/2005		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC													

A-42227-0648/0671						A-42227-0672/0706							
HEADER NUMBER:		41411				HEADER NUMBER:		41411					
PIN NUMBER:		42663-AXB228				PIN NUMBER:		42663-AXB228					
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.540/13.72					
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49					
GOLD POINT: G		.180/4.57				GOLD POINT: G		.180/4.57					
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.120/3.05					
TIN: T		.135/3.43				TIN: T		.135/3.43					
CKTS:		13-36				CKTS:		2-36					
KINKS:		NO				KINKS:		NO					
REMOVED BACKWALLS:		NO				REMOVED BACKWALLS:		NO					
VOIDED CKTS:		13				VOIDED CKTS:		2					
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056					
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER		
02			20	42227-0655	A-42227-0655	02	42227-0672	A-42227-0672	20	42227-0690	A-42227-0690		
03			21	42227-0656	A-42227-0656	03	42227-0673	A-42227-0673	21	42227-0691	A-42227-0691		
04			22	42227-0657	A-42227-0657	04	42227-0674	A-42227-0674	22	42227-0692	A-42227-0692		
05			23	42227-0658	A-42227-0658	05	42227-0675	A-42227-0675	23	42227-0693	A-42227-0693		
06			24	42227-0659	A-42227-0659	06	42227-0676	A-42227-0676	24	42227-0694	A-42227-0694		
07			25	42227-0660	A-42227-0660	07	42227-0677	A-42227-0677	25	42227-0695	A-42227-0695		
08			26	42227-0661	A-42227-0661	08	42227-0678	A-42227-0678	26	42227-0696	A-42227-0696		
09			27	42227-0662	A-42227-0662	09	42227-0679	A-42227-0679	27	42227-0697	A-42227-0697		
10			28	42227-0663	A-42227-0663	10	42227-0680	A-42227-0680	28	42227-0698	A-42227-0698		
11			29	42227-0664	A-42227-0664	11	42227-0681	A-42227-0681	29	42227-0699	A-42227-0699		
12			30	42227-0665	A-42227-0665	12	42227-0682	A-42227-0682	30	42227-0700	A-42227-0700		
13	42227-0648	A-42227-0648	31	42227-0666	A-42227-0666	13	42227-0683	A-42227-0683	31	42227-0701	A-42227-0701		
14	42227-0649	A-42227-0649	32	42227-0667	A-42227-0667	14	42227-0684	A-42227-0684	32	42227-0702	A-42227-0702		
15	42227-0650	A-42227-0650	33	42227-0668	A-42227-0668	15	42227-0685	A-42227-0685	33	42227-0703	A-42227-0703		
16	42227-0651	A-42227-0651	34	42227-0669	A-42227-0669	16	42227-0686	A-42227-0686	34	42227-0704	A-42227-0704		
17	42227-0652	A-42227-0652	35	42227-0670	A-42227-0670	17	42227-0687	A-42227-0687	35	42227-0705	A-42227-0705		
18	42227-0653	A-42227-0653	36	42227-0671	A-42227-0671	18	42227-0688	A-42227-0688	36	42227-0706	A-42227-0706		
19	42227-0654	A-42227-0654				19	42227-0689	A-42227-0689					
REV:						TITLE:		.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				SHEET No.	
K3												- 7 -	
DOCUMENT NUMBER:			CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:				
SD- 42227 -002			ADERR 04/22/2005			SSOUSEK 04/25/2005			FSMITH 04/26/2005				
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC													

A-42227-0707/0741						A-42227-0742/0775					
HEADER NUMBER:		41411				HEADER NUMBER:		41411			
PIN NUMBER:		42663-AXA154				PIN NUMBER:		42663-AXA154			
PIN LENGTH: L		.540/13.72				PIN LENGTH: L		.540/13.72			
MATING LENGTH: M		.280/7.11				MATING LENGTH: M		.280/7.11			
GOLD POINT: G		N/A				GOLD POINT: G		N/A			
PC TAIL LENGTH: P		.135/3.43				PC TAIL LENGTH: P		.135/3.43			
TIN: T		OVERALL				TIN: T		OVERALL			
CKTS:		2-36				CKTS:		3-36			
KINKS:		NO				KINKS:		NO			
REMOVED BACKWALLS:		NO				REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE				VOIDED CKTS:		2			
PACKAGING:		BULK 40873-0056				PACKAGING:		BULK 40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	42227-0707	A-42227-0707	20	42227-0725	A-42227-0725	02			20	42227-0759	A-42227-0759
03	42227-0708	A-42227-0708	21	42227-0726	A-42227-0726	03	42227-0742	A-42227-0742	21	42227-0760	A-42227-0760
04	42227-0709	A-42227-0709	22	42227-0727	A-42227-0727	04	42227-0743	A-42227-0743	22	42227-0761	A-42227-0761
05	42227-0710	A-42227-0710	23	42227-0728	A-42227-0728	05	42227-0744	A-42227-0744	23	42227-0762	A-42227-0762
06	42227-0711	A-42227-0711	24	42227-0729	A-42227-0729	06	42227-0745	A-42227-0745	24	42227-0763	A-42227-0763
07	42227-0712	A-42227-0712	25	42227-0730	A-42227-0730	07	42227-0746	A-42227-0746	25	42227-0764	A-42227-0764
08	42227-0713	A-42227-0713	26	42227-0731	A-42227-0731	08	42227-0747	A-42227-0747	26	42227-0765	A-42227-0765
09	42227-0714	A-42227-0714	27	42227-0732	A-42227-0732	09	42227-0748	A-42227-0748	27	42227-0766	A-42227-0766
10	42227-0714	A-42227-0715	28	42227-0733	A-42227-0733	10	42227-0749	A-42227-0749	28	42227-0767	A-42227-0767
11	42227-0716	A-42227-0716	29	42227-0734	A-42227-0734	11	42227-0750	A-42227-0750	29	42227-0768	A-42227-0768
12	42227-0717	A-42227-0717	30	42227-0735	A-42227-0735	12	42227-0751	A-42227-0751	30	42227-0769	A-42227-0769
13	42227-0718	A-42227-0718	31	42227-0736	A-42227-0736	13	42227-0752	A-42227-0752	31	42227-0770	A-42227-0770
14	42227-0719	A-42227-0719	32	42227-0737	A-42227-0737	14	42227-0753	A-42227-0753	32	42227-0771	A-42227-0771
15	42227-0720	A-42227-0720	33	42227-0738	A-42227-0738	15	42227-0754	A-42227-0754	33	42227-0772	A-42227-0772
16	42227-0721	A-42227-0721	34	42227-0739	A-42227-0739	16	42227-0755	A-42227-0755	34	42227-0773	A-42227-0773
17	42227-0722	A-42227-0722	35	42227-0740	A-42227-0740	17	42227-0756	A-42227-0756	35	42227-0774	A-42227-0774
18	42227-0723	A-42227-0723	36	42227-0741	A-42227-0741	18	42227-0757	A-42227-0757	36	42227-0775	A-42227-0775
19	42227-0724	A-42227-0724				19	42227-0758	A-42227-0758			
REV:						TITLE:				SHEET No.	
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 8 -	
DOCUMENT NUMBER:				CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:			
SD- 42227 -002				ADERR 04/22/2005		SSOUSEK 04/25/2005		FSMITH 04/26/2005			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42227-0776/0792						A-42227-0818/0848					
HEADER NUMBER:			41411			HEADER NUMBER:			41411		
PIN NUMBER:			42663-AXA154			PIN NUMBER:			42663-AXA154		
PIN LENGTH: L			.540/13.72			PIN LENGTH: L			.540/13.72		
MATING LENGTH: M			.280/7.11			MATING LENGTH: M			.295/7.49		
GOLD POINT: G			N/A			GOLD POINT: G			N/A		
PC TAIL LENGTH: P			.135/3.43			PC TAIL LENGTH: P			.120/3.05		
TIN: T			OVERALL			TIN: T			OVERALL		
CKTS:			20-36			CKTS:			6-36		
KINKS:			NO			KINKS:			NO		
REMOVED BACKWALLS:			NO			REMOVED BACKWALLS:			NO		
VOIDED CKTS:			20			VOIDED CKTS:			3, 6		
PACKAGING:			BULK 40873-0056			PACKAGING:			BULK 40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	42227-0776	A-42227-0776	02			20	42227-0832	A-42227-0832
03			21	42227-0777	A-42227-0777	03			21	42227-0833	A-42227-0833
04			22	42227-0778	A-42227-0778	04			22	42227-0834	A-42227-0834
05			23	42227-0779	A-42227-0779	05			23	42227-0835	A-42227-0835
06			24	42227-0780	A-42227-0780	06	42227-0818	A-42227-0818	24	42227-0836	A-42227-0836
07			25	42227-0781	A-42227-0781	07	42227-0819	A-42227-0819	25	42227-0837	A-42227-0837
08			26	42227-0782	A-42227-0782	08	68352-0001	A-42227-0820	26	42227-0838	A-42227-0838
09			27	42227-0783	A-42227-0783	09	42227-0821	A-42227-0821	27	42227-0839	A-42227-0839
10			28	42227-0784	A-42227-0784	10	42227-0822	A-42227-0822	28	42227-0840	A-42227-0840
11			29	42227-0785	A-42227-0785	11	42227-0823	A-42227-0823	29	42227-0841	A-42227-0841
12			30	42227-0786	A-42227-0786	12	42227-0824	A-42227-0824	30	42227-0842	A-42227-0842
13			31	42227-0787	A-42227-0787	13	42227-0825	A-42227-0825	31	42227-0843	A-42227-0843
14			32	42227-0788	A-42227-0788	14	42227-0826	A-42227-0826	32	42227-0844	A-42227-0844
15			33	42227-0789	A-42227-0789	15	42227-0827	A-42227-0827	33	42227-0845	A-42227-0845
16			34	42227-0790	A-42227-0790	16	42227-0828	A-42227-0828	34	42227-0846	A-42227-0846
17			35	42227-0791	A-42227-0791	17	42227-0829	A-42227-0829	35	42227-0847	A-42227-0847
18			36	42227-0792	A-42227-0792	18	42227-0830	A-42227-0830	36	42227-0848	A-42227-0848
19						19	42227-0831	A-42227-0831			
REV:						TITLE:				SHEET No.	
K3						.100 FRICTION LOCK BREAKAWAY HEADER ASSY.				- 9 -	
DOCUMENT NUMBER:					CREATED / REVISED BY:			CHECKED BY:		APPROVED BY:	
SD- 42227 -002					ADERR 04/22/2005			SSOUSEK 04/25/2005		FSMITH 04/26/2005	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

A-42227-0873/0900						A-42227-0934/0967					
HEADER NUMBER:			41411			HEADER NUMBER:			41411		
PIN NUMBER:			42663-AXA154			PIN NUMBER:			42663-AXA154		
PIN LENGTH: L			.540/13.72			PIN LENGTH: L			.540/13.72		
MATING LENGTH: M			.295/7.49			MATING LENGTH: M			.280/7.11		
GOLD POINT: G			N/A			GOLD POINT: G			N/A		
PC TAIL LENGTH: P			.120/3.05			PC TAIL LENGTH: P			.135/3.43		
TIN: T			OVERALL			TIN: T			OVERALL		
CKTS:			9-36			CKTS:			3-36		
KINKS:			NO			KINKS:			NO		
REMOVED BACKWALLS:			YES			REMOVED BACKWALLS:			YES		
VOIDED CKTS:			9			VOIDED CKTS:			NONE		
PACKAGING:			BULK 40873-0056			PACKAGING:			BULK 40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	42227-0884	A-42227-0884	02			20	42227-0951	A-42227-0951
03			21	42227-0885	A-42227-0885	03	42227-0934	A-42227-0934	21	42227-0952	A-42227-0952
04			22	42227-0886	A-42227-0886	04	42227-0935	A-42227-0935	22	42227-0953	A-42227-0953
05			23	42227-0887	A-42227-0887	05	42227-0936	A-42227-0936	23	42227-0954	A-42227-0954
06			24	42227-0888	A-42227-0888	06	42227-0937	A-42227-0937	24	42227-0955	A-42227-0955
07			25	42227-0889	A-42227-0889	07	42227-0938	A-42227-0938	25	42227-0956	A-42227-0956
08			26	42227-0890	A-42227-0890	08	42227-0939	A-42227-0939	26	42227-0957	A-42227-0957
09	42227-0873	A-42227-0873	27	42227-0891	A-42227-0891	09	42227-0940	A-42227-0940	27	42227-0958	A-42227-0958
10	42227-0874	A-42227-0874	28	42227-0892	A-42227-0892	10	42227-0941	A-42227-0941	28	42227-0959	A-42227-0959
11	42227-0875	A-42227-0875	29	42227-0893	A-42227-0893	11	42227-0942	A-42227-0942	29	42227-0960	A-42227-0960
12	42227-0876	A-42227-0876	30	42227-0894	A-42227-0894	12	42227-0943	A-42227-0943	30	42227-0961	A-42227-0961
13	42227-0877	A-42227-0877	31	42227-0895	A-42227-0895	13	42227-0944	A-42227-0944	31	42227-0962	A-42227-0962
14	42227-0878	A-42227-0878	32	42227-0896	A-42227-0896	14	42227-0945	A-42227-0945	32	42227-0963	A-42227-0963
15	42227-0879	A-42227-0879	33	42227-0897	A-42227-0897	15	42227-0946	A-42227-0946	33	42227-0964	A-42227-0964
16	42227-0880	A-42227-0880	34	42227-0898	A-42227-0898	16	42227-0947	A-42227-0947	34	42227-0965	A-42227-0965
17	42227-0881	A-42227-0881	35	42227-0899	A-42227-0899	17	42227-0948	A-42227-0948	35	42227-0966	A-42227-0966
18	42227-0882	A-42227-0882	36	42227-0900	A-42227-0900	18	42227-0949	A-42227-0949	36	42227-0967	A-42227-0967
19	42227-0883	A-42227-0883				19	42227-0950	A-42227-0950			
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SD- 42227 -002				ADERR 04/22/2005		SSOUSEK 04/25/2005		FSMITH 04/26/2005			
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A-42227-0968/1001						A-42227-1002/1036					
HEADER NUMBER:			41411			HEADER NUMBER:			41411		
PIN NUMBER:			42663-CCA154			PIN NUMBER:			42663-BKB228		
PIN LENGTH: L			.670/17.02			PIN LENGTH: L			.600/15.24		
MATING LENGTH: M			.295/7.49			MATING LENGTH: M			.295/7.49		
GOLD POINT: G			N/A			GOLD POINT: G			.180/4.57		
PC TAIL LENGTH: P			.250/6.35			PC TAIL LENGTH: P			.180/4.57		
TIN: T			OVERALL			TIN: T			.135/3.43		
CKTS:			3-36			CKTS:			2-36		
KINKS:			NO			KINKS:			NO		
REMOVED BACKWALLS:			YES			REMOVED BACKWALLS:			NO		
VOIDED CKTS:			NONE			VOIDED CKTS:			NONE		
PACKAGING:			BULK 40873-0056			PACKAGING:			BULK 40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	42227-0985	A-42227-0985	02	42227-1002	A-42227-1002	20	42227-1020	A-42227-1020
03	42227-0968	A-42227-0968	21	42227-0986	A-42227-0986	03	42227-1003	A-42227-1003	21	42227-1021	A-42227-1021
04	42227-0969	A-42227-0969	22	42227-0987	A-42227-0987	04	42227-1004	A-42227-1004	22	42227-1022	A-42227-1022
05	42227-0970	A-42227-0970	23	42227-0988	A-42227-0988	05	42227-1005	A-42227-1005	23	42227-1023	A-42227-1023
06	42227-0971	A-42227-0971	24	42227-0989	A-42227-0989	06	42227-1006	A-42227-1006	24	42227-1024	A-42227-1024
07	42227-0972	A-42227-0972	25	42227-0990	A-42227-0990	07	42227-1007	A-42227-1007	25	42227-1025	A-42227-1025
08	42227-0973	A-42227-0973	26	42227-0991	A-42227-0991	08	42227-1008	A-42227-1008	26	42227-1026	A-42227-1026
09	42227-0974	A-42227-0974	27	42227-0992	A-42227-0992	09	42227-1009	A-42227-1009	27	42227-1027	A-42227-1027
10	42227-0975	A-42227-0975	28	42227-0993	A-42227-0993	10	42227-1010	A-42227-1010	28	42227-1028	A-42227-1028
11	42227-0976	A-42227-0976	29	42227-0994	A-42227-0994	11	42227-1011	A-42227-1011	29	42227-1029	A-42227-1029
12	42227-0977	A-42227-0977	30	42227-0995	A-42227-0995	12	42227-1012	A-42227-1012	30	42227-1030	A-42227-1030
13	42227-0978	A-42227-0978	31	42227-0996	A-42227-0996	13	42227-1013	A-42227-1013	31	42227-1031	A-42227-1031
14	42227-0979	A-42227-0979	32	42227-0997	A-42227-0997	14	42227-1014	A-42227-1014	32	42227-1032	A-42227-1032
15	42227-0980	A-42227-0980	33	42227-0998	A-42227-0998	15	42227-1015	A-42227-1015	33	42227-1033	A-42227-1033
16	42227-0981	A-42227-0981	34	42227-0999	A-42227-0999	16	42227-1016	A-42227-1016	34	42227-1034	A-42227-1034
17	42227-0982	A-42227-0982	35	42227-1000	A-42227-1000	17	42227-1017	A-42227-1017	35	42227-1035	A-42227-1035
18	42227-0983	A-42227-0983	36	42227-1001	A-42227-1001	18	42227-1018	A-42227-1018	36	42227-1036	A-42227-1036
19	42227-0984	A-42227-0984				19	42227-1019	A-42227-1019			
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A-42227-1037/1071						A-42227-1072/1106					
HEADER NUMBER:			41411			HEADER NUMBER:			41411		
PIN NUMBER:			42663-BKB228			PIN NUMBER:			42663-AXB208		
PIN LENGTH: L			.600/15.24			PIN LENGTH: L			.540 / 13.72		
MATING LENGTH: M			.295/7.49			MATING LENGTH: M			.280 / 7.11		
GOLD POINT: G			.180/4.57			GOLD POINT: G			.140 / 3.56		
PC TAIL LENGTH: P			.180/4.57			PC TAIL LENGTH: P			.135 / 3.43		
TIN: T			.135/3.43			TIN: T			.135 / 3.43		
CKTS:			2-36			CKTS:			3-36		
KINKS:			NO			KINKS:			NO		
REMOVED BACKWALLS:			YES			REMOVED BACKWALLS:			YES		
VOIDED CKTS:			NONE			VOIDED CKTS:			3		
PACKAGING:			BULK 40873-0056			PACKAGING:			BULK 40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	42227-1037	A-42227-1037	20	42227-1055	A-42227-1055	02			20		
03	42227-1038	A-42227-1038	21	42227-1056	A-42227-1056	03			21		
04	42227-1039	A-42227-1039	22	42227-1057	A-42227-1057	04			22		
05	42227-1040	A-42227-1040	23	42227-1058	A-42227-1058	05			23		
06	42227-1041	A-42227-1041	24	42227-1059	A-42227-1059	06			24		
07	42227-1042	A-42227-1042	25	42227-1060	A-42227-1060	07			25		
08	42227-1043	A-42227-1043	26	42227-1061	A-42227-1061	08			26		
09	42227-1044	A-42227-1044	27	42227-1062	A-42227-1062	09			27		
10	42227-1045	A-42227-1045	28	42227-1063	A-42227-1063	10			28		
11	42227-1046	A-42227-1046	29	42227-1064	A-42227-1064	11			29		
12	42227-1047	A-42227-1047	30	42227-1065	A-42227-1065	12			30		
13	42227-1048	A-42227-1048	31	42227-1066	A-42227-1066	13			31		
14	42227-1049	A-42227-1049	32	42227-1067	A-42227-1067	14			32		
15	42227-1050	A-42227-1050	33	42227-1068	A-42227-1068	15			33		
16	42227-1051	A-42227-1051	34	42227-1069	A-42227-1069	16			34		
17	42227-1052	A-42227-1052	35	42227-1070	A-42227-1070	17			35		
18	42227-1053	A-42227-1053	36	42227-1071	A-42227-1071	18	42227-1088	A-42227-1088	36		
19	42227-1054	A-42227-1054				19					
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