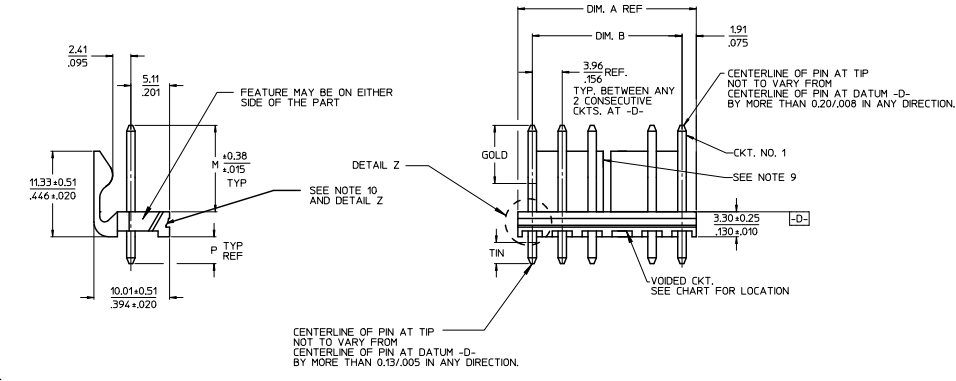


CKT	DIM. A	DIM. B	SLOT LOC BETWEEN CKTS
2	7.77 .306	3.96±0.05 .156±0.002	NONE
3	11.73 .462	7.92±0.08 .312±0.003	NONE
4	15.70 .618	11.89±0.08 .468±0.003	NONE
5	19.66 .774	15.85±0.10 .624±0.004	NONE
6	23.62 .930	19.81±0.10 .780±0.004	3 & 4
7	27.58 1.086	23.77±0.10 .936±0.004	4 & 5
8	31.55 1.242	27.74±0.13 1.092±0.005	4 & 5
9	35.51 1.398	31.70±0.13 1.248±0.005	5 & 6
10	39.47 1.554	35.66±0.13 1.404±0.005	5 & 6
11	43.43 1.710	39.62±0.15 1.560±0.006	6 & 7
12	47.40 1.866	43.59±0.15 1.716±0.006	4 & 5
13	51.36 2.022	47.55±0.15 1.872±0.006	4 & 5
14	55.32 2.178	51.51±0.18 2.028±0.007	5 & 6
15	59.28 2.334	55.47±0.18 2.184±0.007	5 & 6
16	63.25 2.490	59.44±0.18 2.340±0.007	5 & 6
17	67.21 2.646	63.40±0.20 2.496±0.008	6 & 7
18	71.17 2.802	67.36±0.20 2.652±0.008	6 & 7



- NOTES:
- MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
 - FINISH: (102-TIN) OVERALL TIN: 0.00508/0.00200 MIN OVER 0.00254/0.00100 MIN COPPER, (154-TIN) OVERALL TIN: 0.00254/0.00100 MIN OVER 0.00127/0.00050 MIN NICKEL, (222-TIN) OVERALL MATTE TIN: 0.00254/0.00100 MIN OVER 0.00127/0.00050 MIN NICKEL, *(208-15 GOLD) SELECT GOLD: 0.00038/0.00015 MIN, SELECT TIN: 0.00254/0.00100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/0.00050 MIN, *(228-30 GOLD) SELECT GOLD: 0.00076/0.00030 MIN, SELECT TIN: 0.00254/0.00100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/0.00050 MIN, (501-GOLD) OVERALL GOLD: 0.00051/0.00020 MIN OVER 0.00076/0.00030 MIN NICKEL.
 - *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 PLATING.
 - PACKAGING INFORMATION: SEE CHARTS.
 - SOLDERABILITY: PER SMES-152.
 - PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE (IN EITHER DIRECTION)
 - PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.
 - FEATURE MAY OR MAY NOT EXTEND ACROSS THE ENTIRE FACE OF THE PART "SEE DETAIL Z".

ADD 41791-1165 EC NO: UCP2011-0885 DRAWN: KIPPER CHKD: JRELL APPR: F SMITH 2010/10/05 2010/10/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 1/2°	MM/IN	2:1	INCH	DRAWN BY JSCHAFFER CHECKED BY KSAMIEC APPROVED BY MARGULIS DATE 11-07-03 DATE 11-10-03 DATE 11-17-03
2-x P17 1 P17 SHT REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. SDA-41791	DOCUMENT NO.	SHEET NO. 1 OF *	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

OPTIONS

Group	A-41791-0002/0018	Group	A-41791-0019/0035	Group	A-41791-0036/0052	Group	A-41791-0059/0074	
Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	
Pin No:	2161-94(102)	Pin No:	2161-94(501)	Pin No:	2161-94(102)	Pin No:	2161-94(102)	
Plating:	102 – TIN	Plating:	501 – GOLD	Plating:	102 – TIN	Plating:	102 – TIN	
Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	
Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	
Gold Loc G	N/A	Gold Loc G	OVERALL	Gold Loc G	N/A	Gold Loc G	N/A	
PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	
Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	OVERALL	
Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	2	Voided Ckts	3	
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-60-4020	A-41791-0002	26-61-4020	A-41791-0019	26-62-4020	A-41791-0036		
3	26-60-4030	A-41791-0003	26-61-4030	A-41791-0020	26-62-4030	A-41791-0037	26-62-4036	A-41791-0059
4	26-60-4040	A-41791-0004	26-61-4040	A-41791-0021	26-62-4040	A-41791-0038	26-62-4046	A-41791-0060
5	26-60-4050	A-41791-0005	26-61-4050	A-41791-0022	26-62-4050	A-41791-0039	26-62-4056	A-41791-0061
6	26-60-4060	A-41791-0006	26-61-4060	A-41791-0023	26-62-4060	A-41791-0040	26-62-4066	A-41791-0062
7	26-60-4070	A-41791-0007	26-61-4070	A-41791-0024	26-62-4070	A-41791-0041	26-62-4076	A-41791-0063
8	26-60-4080	A-41791-0008	26-61-4080	A-41791-0025	26-62-4080	A-41791-0042	26-62-4086	A-41791-0064
9	26-60-4090	A-41791-0009	26-61-4090	A-41791-0026	26-62-4090	A-41791-0043	26-62-4096	A-41791-0065
10	26-60-4100	A-41791-0010	26-61-4100	A-41791-0027	26-62-4100	A-41791-0044	26-62-4106	A-41791-0066
11	26-60-4110	A-41791-0011	26-61-4110	A-41791-0028	26-62-4110	A-41791-0045	26-62-4116	A-41791-0067
12	26-60-4120	A-41791-0012	26-61-4120	A-41791-0029	26-62-4120	A-41791-0046	26-62-4126	A-41791-0068
13	26-60-4130	A-41791-0013	26-61-4130	A-41791-0030	26-62-4130	A-41791-0047	26-62-4136	A-41791-0069
14	26-60-4140	A-41791-0014	26-61-4140	A-41791-0031	26-62-4140	A-41791-0048	26-62-4146	A-41791-0070
15	26-60-4150	A-41791-0015	26-61-4150	A-41791-0032	26-62-4150	A-41791-0049	26-62-4156	A-41791-0071
16	26-60-4160	A-41791-0016	26-61-4160	A-41791-0033	26-62-4160	A-41791-0050	26-62-4166	A-41791-0072
17	26-60-4170	A-41791-0017	26-61-4170	A-41791-0034	26-62-4170	A-41791-0051	26-62-4176	A-41791-0073
18	26-60-4180	A-41791-0018	26-61-4180	A-41791-0035	26-62-4180	A-41791-0052	26-62-4186	A-41791-0074

REV:	<u>ECR/ECN INFORMATION</u>	<u>TITLE:</u>	<u>SHEET No.</u>
P17	EC NO.: UCP2011-0885	KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	- 2 -
	DATE: 10/8/2010		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA- 41791	MKIPPER	JBELL	FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC [SIZE_A](V.1). DOC			

OPTIONS

Group	A-41791-0583/0597	Group	A-41791-0598/0609	Group	A-41791-0638/0653	Group	A-41791-0773/0785
Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0002/0018	Header No:	41790-0006/0018
Pin No:	2161-94(102)	Pin No:	2161-94(102)	Pin No:	2161-94(501)	Pin No:	2161-94(102)
Plating:	102 – TIN	Plating:	102 – TIN	Plating:	501 – GOLD	Plating:	102-TIN
Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29/.720
Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43/.450
Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	OVERALL	Gold Loc G	N/A
PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56/.140
Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	OVERALL
Voided Ckts	4	Voided Ckts	7	Voided Ckts	3	Voided Ckts	3, 6
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Item Number
2							
3							
4	27-62-4049	A-41791-0583			26-63-4032	A-41791-0638	
5	27-62-4059	A-41791-0584			41791-0639	A-41791-0639	
6	27-62-4069	A-41791-0585			26-63-4052	A-41791-0640	
7	27-62-4079	A-41791-0586	41791-0598	A-41791-0598	26-63-4062	A-41791-0641	
8	27-62-4089	A-41791-0587	41791-0599	A-41791-0599	41791-0642	A-41791-0642	41791-0774
9	27-62-4099	A-41791-0588	27-66-4090	A-41791-0600	26-63-4082	A-41791-0643	
10	27-62-4109	A-41791-0589	41791-0601	A-41791-0601	41791-0644	A-41791-0644	
11	27-62-4119	A-41791-0590	41791-0602	A-41791-0602	41791-0645	A-41791-0645	
12	27-62-4129	A-41791-0591	41791-0603	A-41791-0603	41791-0646	A-41791-0646	
13	27-62-4139	A-41791-0592	41791-0604	A-41791-0604	41791-0647	A-41791-0647	
14	27-62-4149	A-41791-0593	41791-0605	A-41791-0605	41791-0648	A-41791-0648	
15	27-62-4159	A-41791-0594	41791-0606	A-41791-0606	41791-0649	A-41791-0649	
16	27-62-4169	A-41791-0595	41791-0607	A-41791-0607	41791-0650	A-41791-0650	
17	27-62-4179	A-41791-0596	41791-0608	A-41791-0608	41791-0651	A-41791-0651	
18	27-62-4189	A-41791-0597	41791-0609	A-41791-0609	41791-0652	A-41791-0652	
					41791-0653	A-41791-0653	

REV:	<u>ECR/ECN INFORMATION</u>	<u>TITLE:</u>	KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	<u>SHEET No.</u>
P17	EC NO.: UCP2011-0885			- 4 -
	DATE: 10/8/2010			
<u>DOCUMENT NUMBER:</u>	SDA- 41791	<u>CREATED / REVISED BY:</u>	MKIPPER	<u>CHECKED BY:</u>
			JBELL	<u>APPROVED BY:</u>
				FSMITH

OPTIONS

Group	A-41791-0892/0908	Group	A-41791-0922/0933	Group	41791-0934/0948	Group	41791-0966/0976
Header No:	41790-0002/0018	Header No:	41790-0007/0018	Header No:	41790-0004/0018	Header No:	41790-0007/0018
Pin No:	43294-0299	Pin No:	2161-94(102)	Pin No:	43294-0209	Pin No:	2161-94(102)
Plating:	208 – 15 GOLD	Plating:	102 – TIN	Plating:	208 – 15 GOLD	Plating:	102 – TIN
Pin Length L	20.83 / .820	Pin Length L	18.29 / .720	Pin Length L	18.29/ .720	Pin Length L	18.29/ .720
Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43/ .450
Gold Loc G	6.83/ .270	Gold Loc G	N/A	Gold Loc G	6.86/ .270	Gold Loc G	N/A
PC Tail P	6.10/ .240	PC Tail P	3.56 / .140	PC Tail P	3.56/ .140	PC Tail P	3.56/ .140
Tin Loc T	6.35/ .250	Tin Loc T	OVERALL	Tin Loc T	4.06/ .160	Tin Loc T	OVERALL
Voided Ckts	NONE	Voided Ckts	5, 7	Voided Ckts	4	Voided Ckts	3, 7, 8
Pack Per	PK-41791-002	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2	41791-0892			
3	41791-0893			
4	41791-0894			
5	41791-0895			
6	41791-0896			
7	41791-0897	41791-0922		
8	41791-0898	41791-0923		
9	41791-0899	41791-0924		
10	41791-0900	41791-0925		
11	41791-0901	41791-0926		
12	41791-0902	41791-0927		
13	41791-0903	41791-0928		
14	41791-0904	41791-0929		
15	41791-0905	41791-0930		
16	41791-0906	41791-0931		
17	41791-0907	41791-0932		
18	41791-0908	41791-0933		
			41791-0934	
			41791-0935	
			41791-0936	
			41791-0937	
			41791-0938	
			41791-0939	
			41791-0940	
			41791-0941	
			41791-0942	
			41791-0943	
			41791-0944	
			41791-0945	
			41791-0946	
			41791-0947	
			41791-0948	
				41791-0966
				41791-0967
				41791-0968
				41791-0969
				41791-0970
				41791-0971
				41791-0972
				41791-0973
				41791-0974
				41791-0975
				41791-0976

REV: P17	<u>ECR/ECN INFORMATION</u> EC NO.: UCP2011-0885 DATE: 10/8/2010	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	<u>SHEET No.</u> - 6 -
<u>DOCUMENT NUMBER:</u> SDA- 41791	<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH

OPTIONS

Group	41791-0977/0993	Group	41791-0994/1002	Group	A-41791-1036 / 1048	Group	A-41791-1049/1062
Header No:	41790-0002/0018	Header No:	41790-0010/0018	Header No:	41790-0006 / 0018	Header No:	41790-0005/0018
Pin No:	43294-0345	Pin No:	43294-0209	Pin No:	2161-94(102)	Pin No:	2161-94(102)
Plating:	228 – 30 GOLD	Plating:	208 – 15 GOLD	Plating:	102 – TIN	Plating:	102 – TIN
Pin Length L	22.10/. 870	Pin Length L	18.29/. 720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720
Mating M	11.43/. 450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
Gold Loc G	10.02/. 400	Gold Loc G	6.86/ .270	Gold Loc G	N/A	Gold Loc G	N/A
PC Tail P	7.37/. 290	PC Tail P	3.56/. 140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140
Tin Loc T	5.08/. 200	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	None	Voided Ckts	3, 4, 5, 8, 9, 10	Voided Ckts	4, 6	Voided Ckts	2, 5
Pack Per	PK-41791-002	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001
Ckts	Item Number		Item Number	Material No	Engineer Number		Item Number
2	41791-0977						
3	41791-0978						
4	41791-0979						
5	41791-0980						
6	41791-0981						
7	41791-0982			41791-1037	A-41791-1036		41791-1051
8	41791-0983				A-41791-1037		
9	41791-0984				A-41791-1038		
10	41791-0985	41791-0994			A-41791-1039		
11	41791-0986	41791-0995			A-41791-1040		
12	41791-0987	41791-0996			A-41791-1041		
13	41791-0988	41791-0997			A-41791-1042		
14	41791-0989	41791-0998			A-41791-1043		
15	41791-0990	41791-0999			A-41791-1044		
16	41791-0991	41791-1000			A-41791-1045		
17	41791-0992	41791-1001			A-41791-1046		
18	41791-0993	41791-1002			A-41791-1047		
					A-41791-1048		

REV:	<u>ECR/ECN INFORMATION</u>	<u>TITLE:</u>	KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	<u>SHEET No.</u>			
P17	EC NO.: UCP2011-0885			- 7 -			
	DATE: 10/8/2010						
<u>DOCUMENT NUMBER:</u>	SDA- 41791	<u>CREATED / REVISED BY:</u>	MKIPPER	<u>CHECKED BY:</u>	JBELL	<u>APPROVED BY:</u>	FSMITH

OPTIONS

Group	A-41791-1063/1071	Group	A-41791-1074/1088	Group	A-41791-1089/1105	Group	A-41791-1107
Header No:	41790-0010/0018	Header No:	41790-0004/0018	Header No:	41790-0002/0018	Header No:	41790-0006/0018
Pin No:	2161-94(102)	Pin No:	2161-94(501)	Pin No:	43294-0212	Pin No:	2161-94(154)
Plating:	102 – TIN	Plating:	501 – GOLD	Plating:	222 – TIN	Plating:	154 – TIN
Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29 / .720
Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43 / .450
Gold Loc G	N/A	Gold Loc G	OVERALL	Gold Loc G	N/A	Gold Loc G	N/A
PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56 / .140
Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	5, 10	Voided Ckts	2, 3, 4	Voided Ckts	NONE	Voided Ckts	6
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number
2			
3			
4			
5		41791-1075	
6			
7			41791-1107
8			
9			
10			
11	41791-1064		
12			
13			
14			
15			
16			
17			
18			41791-1103
			41791-1105

REV: P17	ECR/ECN INFORMATION EC NO.: UCP2011-0885 DATE: 10/8/2010	TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	SHEET No. - 8 -
DOCUMENT NUMBER: SDA- 41791	CREATED / REVISED BY: MKIPPER	CHECKED BY: JBELL	APPROVED BY: FSMITH

OPTIONS

Group	A-41791-1120	Group	A-41791-1134	Group	A-41791-1150	Group	A-41791-1165
Header No:	41790-0006	Header No:	41790-0004	Header No:	41790-0005	Header No:	41790-0006
Pin No:	2161-94(154)	Pin No:	2161-94(154)	Pin No:	43294-0210	Pin No:	2161-1(154)
Plating:	154 – TIN	Plating:	154 – TIN	Plating:	228 – 30 GOLD	Plating:	154 – TIN
Pin Length L	18.29 / .720	Pin Length L	18.29 / .720	Pin Length L	18.29/ .720	Pin Length L	19.05 / .750
Mating M	11.43 / .450	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M	11.43 / .450
Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	6.85/. 270	Gold Loc G	N/A
PC Tail P	3.56 / .140	PC Tail P	3.56 / .140	PC Tail P	3.56/. 140	PC Tail P	4.32 / .170
Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	4.06/. 160	Tin Loc T	OVERALL
Voided Ckts	2, 5	Voided Ckts	2, 3	Voided Ckts	2, 4	Voided Ckts	2, 3, 5
Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001	Pack Per	PK-41791-001

Ckts	Item Number	Item Number	Item Number	Item Number
2				
3				
4		41791-1134		
5			41791-1150	
6	41791-1120			41791-1165
7				
8				
9				
10				
11				
12				
13				
14				
16				
17				
18				

REV: P17	ECR/ECN INFORMATION EC NO.: UCP2011-0885 DATE: 10/8/2010	TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK VERTICAL SOLID BODY W/O PEGS	SHEET No. - 9 -
DOCUMENT NUMBER: SDA- 41791	CREATED / REVISED BY: MKIPPER	CHECKED BY: JBELL	APPROVED BY: FSMITH