



Kimball

Electronics Group

P.O. Box 587 1038 E. 15th Street
Jasper, IN 47549-1003 812-634-4200

Purchase Order

EDI Transaction 850

Specifications

X12 Standard 004010

Outbound from Kimball

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

Segment Usage

<u>Name</u>	<u>Position</u>	<u>Kimball Usage</u>	<u>Max Use</u>	<u>Description</u>
Table 1				
ST	010	M	1	Transaction Set Header
BEG	020	M	1	Beginning Segment for Purchase Order
CUR	040	O	1	Currency
PER	060	O	3	Administrative Communications Contact
TD5	240	O	12	Carrier Details (Routing Sequence/Transit Time)
N9	295	O	1/1000	Reference Identification
MSG	300	O	1000	Message Text
N1	310	O	1/200	Name
N2	320	O	2	Additional Name Information
N3	330	O	2	Address Information
N4	340	O	>1	Geographic Location
Table 2				
PO1	010	M	1/100000	Baseline Item Data
LIN	015	O	>1	Item Identification
SCH	295	O	1/200	Line Item Schedule
N9	330	O	1/1000	Reference Identification
MSG	340	O	1000	Message Text
N1	350	O	1/200	Name
N2	360	O	2	Additional Name Information
N3	370	O	2	Address Information
N4	380	O	1	Geographic Location
PER	400	O	3	Administrative Communications Contact
Table 3				
CTT	010	O	1	Transaction Totals
SE	030	M	1	Transaction Set Trailer

Please refer to the document “Kimball Electronics EDI Communication Info” for VAN and interchange id information.

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KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

ST - Transaction Set Header (010)

This segment indicates the beginning of transaction set and assigns a control number.

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
ST01	143	Transaction Set Identifier Code	M	
ST02	329	Transaction Set Control Number	M	

ST*850*0001

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

BEG – Beginning Segment for Purchase Order (020)

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates.

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
BEG01	353	Transaction Set Purpose Code	M	'00' = Original
BEG02	92	Purchase Order Type Code	M	'SA' = Stand-Alone Order
BEG03	324	Purchase Order Number	M	Kimball Purchase Order Number
BEG04	328	Release number	<not used>	
BEG05	373	Date	M	Kimball Purchase Order Date
BEG06	367	Contract Number	O	Not normally used, but can be filled with a supplier defined, static number

BEG*00*SA*4500065136**20030130*KIMBALL1

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

CUR – Currency (040)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
CUR01	98	Entity Identifier Code	M	'BY' = Buying Party
CUR02	100	Currency Code	M	'USD' = U.S. Dollars

CUR*BY*USD

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

PER – Administrative Communications Contact (060)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
PER01	366	Contact Function Code	M	'BD' = Buyer Name 'RE' = Receiving Contact 'SA' = Sales Administration
PER02	93	Name	O	Contact Name
PER03	365	Communication Number Qualifier	C	'TE' = Telephone 'FX' = Facsimile
PER04	364	Communication Number	C	
PER05	365	Communication Number Qualifier	C	'TE' = Telephone 'FX' = Facsimile
PER06	364	Communication Number	C	
PER07	365	Communication Number Qualifier	C	'EM' = Electronic Mail
PER08	364	Communication Number	C	Contact's email address

PER*BD*Kimball Contact*TE*812-634-0000*FX*812-634-0000*EM*buyer@kimball.com
 PER*RE**TE*812-634-4400
 PER*SA*Representative 1*TE*800-000-0000

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

TD5 – Carrier Details (Routing Sequence/Transit Time) (240)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
TD501	133	Routing Sequence Code	O	'B' = Origin/Delivery Carrier
TD502	66	Identification Code Qualifier	<not used>	
TD503	67	Identification Code	<not used>	
TD504	91	Transportation method/Type Code	<not used>	
TD505	387	Routing	M	Carrier's Name

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N9 – Reference Identification (295)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N901	128	Reference Identification Qualifier	M	'K6' = Purchase Description
N902	127	Reference Identification	<not used>	
N903	369	Free-form Description	M	Brief description of the purpose of the following MSG segments

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

MSG – Message Text (300)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
MSG01	933	Free-Form Message Text	M	Descriptive text

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N1 – Name (310)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N101	98	Entity Identifier Code	M	'SF' = Ship From 'ST' = Ship To 'BY' = Buyer (Sold To)
N102	93	Name	C	Associated Name
N103	66	Identification Code Qualifier	C	'92' = Assigned by Buyer
N104	67	Identification Code	C	N101 = 'SF', then supplier's Kimball assigned number N101 = 'ST' or 'BY', refer to page 2.

N1*SF**92*40000000

N1*ST*Kimball Electronics Group*92*KIKEG02

N1*BY**92*KIKEG02

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N2 – Additional Name Information (320)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N201	93	Name	M	
N202	93	Name	O	

N2*High Mix Low Volume

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N3 – Address Information (330)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N301	166	Address Information	M	
N302	166	Address Information	O	

N3*1615 Cherry Street

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N4 – Geographic Location (340)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N401	19	City Name	O	
N402	156	State or Province Code	O	
N403	116	Postal Code	O	
N404	26	Country Code	O	

N4*Jasper*IN*475491003*US

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PO1 – Baseline Item Data (010)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
PO101	350	Assigned Identification	O	Purchase Order Line Number
PO102	330	Quantity Ordered	C	Order Quantity
PO103	355	Unit or Basis for Measurement Code	O	Unit of Measure
PO104	212	Unit Price	C	Unit Price
PO105	639	Basis of Unit Price Code	O	'PE' = Price per Each 'PN' = Price per Ten 'PD' = Price per Dozen 'HP' = Price per Hundred 'TP' = Price per Thousand 'TT' = Price per 10,000 'HT' = Price per 100,000 'TB' = Not Specified in this document
PO106	235	Product/Service ID Qualifier	C	'BP' = Buyer's Part Number
PO107	234	Product/Service ID	C	Buyer's Part Number
PO108	235	Product/Service ID Qualifier	C	'PD' = Part Number Description
PO109	234	Product/Service ID	C	Part Number Description
PO110	235	Product/Service ID Qualifier	C	'VP' = Seller's Part Number – Not normally transmitted
PO111	234	Product/Service ID	C	Seller's Part Number – Not normally transmitted

PO1*00010*2880*EA*11.5*PE*BP*38L3060*PD*IC, 13579

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LIN – Item Identification (015)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
LIN01	350	Assigned Identification	O	Sequential count of LIN segments within PO1 loop
LIN02	235	Product/Service ID Qualifier	M	'MF' = Manufacturer
LIN03	234	Product/Service ID	M	Component Manufacturer's Name
LIN04	235	Product/Service ID Qualifier	C	'MG' = Manufacturer's Part Number
LIN05	234	Product/Service ID	C	Component Manufacturer's Part Number

LIN*1*MF*MFG. 1

X*MG*ABC456

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SCH – Line Item Schedule (295)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
SCH01	380	Quantity	M	Quantity to be delivered
SCH02	355	Unit or Basis for Measurement Code	M	Unit of Measure
SCH03	98	Entity Identifier Code	<not used>	
SCH04	93	Name	<not used>	
SCH05	374	Date/Time Qualifier	M	'002' = Delivery Requested
SCH06	373	Date	M	Date Delivery is to occur
SCH07	337	Time	<not used>	
SCH08	374	Date/Time Qualifier	<not used>	
SCH09	373	Date	<not used>	
SCH10	337	Time	<not used>	
SCH11	326	Request Reference Number	O	Engineering Change Level
SCH12	350	Assigned Identification	O	Engineering Change Number

SCH*720*EA***002*20030207

SCH*720*EA***002*20030213****A*E325

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N9 – Reference Identification (330)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N901	128	Reference Identification Qualifier	M	'K6' = Purchase Description
N902	127	Reference Identification	<not used>	
N903	369	Free-form Description	M	Brief description of the purpose of the following MSG segments

N9*K6**Item Text

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MSG – Message Text (340)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
MSG01	933	Free-Form Message Text	M	Descriptive text

MSG*PART MUST BE SUPPLIED IN WAFFLE TRAY (KEG
MSG*EC S821)

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N1 – Name (350)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N101	98	Entity Identifier Code	M	'ST' = Ship To
N102	93	Name	C	Ship To Name
N103	66	Identification Code Qualifier	C	'92' = Assigned by Buyer
N104	67	Identification Code	C	Refer to page 2.

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N2 – Additional Name Information (360)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N201	93	Name	M	
N202	93	Name	O	

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N3 – Address Information (370)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N301	166	Address Information	M	
N302	166	Address Information	O	

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N4 – Geographic Location (380)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N401	19	City Name	O	
N402	156	State or Province Code	O	
N403	116	Postal Code	O	
N404	26	Country Code	O	

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PER – Administrative Communications Contact (400)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
PER01	366	Contact Function Code	M	'BD' = Buyer Name
PER02	93	Name	O	Buyer Name
PER03	365	Communication Number Qualifier	C	'TE' = Telephone 'FX' = Facsimile
PER04	364	Communication Number	C	
PER05	365	Communication Number Qualifier	C	'TE' = Telephone 'FX' = Facsimile
PER06	364	Communication Number	C	
PER07	365	Communication Number Qualifier	C	'EM' = Electronic Mail
PER08	364	Communication Number	C	Contact's email address

KIMBALL ELECTRONICS GROUP, INC. PURCHASE ORDER

CTT – Transaction Totals (010)

Segment description

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
CTT01	354	Number of Line items	M	Count of PO1 segments in this document
CTT02	347	Hash Total	O	Total of quantities from all SCH segments

CTT*2*5760

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SE - Transaction Set Trailer (030)

This segment indicates the beginning of transaction set and assigns a control number.

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
SE01	96	Number of Included Segments	M	
SE02	329	Transaction Set Control Number	M	

SE*38*0001

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Sample Data

ST*850*0001
BEG*00*SA*4500065136**20030130*KIMBALL1
CUR*BY*USD
PER*BD*Kimball Contact*TE*812-634-0000*FX*812-634-0000
PER*RE**TE*812-634-4400
PER*SA*Representative 1*TE*800-000-0000
N1*SF**92*40000000
N1*ST*Kimball Electronics Group*92*KIKEG02
N2*High Mix Low Volume
N3*1615 Cherry Street
N4*Jasper*IN*475491003*US
N1*BY**92*KIKEG02
PO1*00010*2880*EA*11.5*PE*BP*38L3060*PD*IC, 13579
LIN*1*MF*MFG. 1 X*MG*ABC456
SCH*720*EA***002*20030207
SCH*720*EA***002*20030213****A*E325
SCH*720*EA***002*20030318****A*E325
SCH*720*EA***002*20030404****A*E325
N9*K6**Item Text
MSG*PART MUST BE SUPPLIED IN WAFFLE TRAY (KEG
MSG*EC S821)
MSG*SUPPLIER SHALL COMPLY WITH KEG SUPPLIER
MSG*QUALITY MANUAL
PO1*00020*2880*EA*11.5*PE*BP*38M3061*PD*IC, 24680
LIN*1*MF*LOGIC MFG 1 X*MG*ABC123
LIN*2*MF*LOGIC MFG 2 X*MG*DEF456
LIN*3*MF*LOGIC MFG 3 X*MG*GHI789
SCH*720*EA***002*20030207
SCH*720*EA***002*20030213
SCH*720*EA***002*20030318
SCH*720*EA***002*20030404
N9*K6**Item Text
MSG*PART MUST BE SUPPLIED IN WAFFLE TRAY (KEG
MSG*EC S821)
MSG*SUPPLIER SHALL COMPLY WITH KEG SUPPLIER
MSG*QUALITY MANUAL
CTT*2*5760
SE*38*0001