



1205 Kimball Blvd
Jasper, IN 47546
812-634-4000

Purchase Order Message

EDI Transaction 850
Specifications X12
Standard 004010
Outbound from Kimball

Document 10000000000039376
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1. 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
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
Table 3				
CTT	010	O	1	Transaction Totals
SE	030	M	1	Transaction Set Trailer

Please refer to the document “KEI EDI Communication Details” for VAN and interchange id information.



2. Header Segments

2.1. *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



3. Message Segments

3.1. 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

3.2. CUR – Currency (040)

Currency information

<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



3.3. PER – Administrative Communications Contact (060)

Administrative Communications Contact

<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

3.4. N1 – Name (310)

Name

<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



3.5. N2 – Additional Name Information (320)

Additional Name Information

<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

3.6. N3 – Address Information (330)

Address Information

<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

3.7. N4 – Geographic Location (340)

Geographic Location

<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



3.8. PO1 – Baseline Item Data (010)

Baseline Item Data

<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 '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
P0112	235	Product/Service ID Qualifier	C	'GE' = Product hierarchy
P0113	234	Product/Service ID	C	Product hierarchy value

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

3.8.1. LIN – Item Identification (015)

Item Identification

<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



3.8.2. SCH – Line Item Schedule (295)

Line Item Schedule

<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	O	Time of delivery
SCH08	374	Date/Time Qualifier	O	'10' = Ship date
SCH09	373	Date	O	Date of shipment
SCH10	337	Time	<not used>	
SCH11	326	Request Reference Number	<not used>	
SCH12	350	Assigned Identification	O	Schedule line number

SCH*40000*EA***002*20241216*****0001

3.8.3. N9 – Reference Identification (330)

Reference Identification

<u>Reference</u>	<u>Element ID</u>	<u>Element Name</u>	<u>Kimball Requirement</u>	<u>Comments</u>
N901	128	Reference Identification Qualifier	M	'ZZ' = Product hierarchy description
N902	127	Reference Identification	M	Product hierarchy value
N903	369	Free-form Description	M	Product hierarchy description

N9*ZZ*PRDHA*Product hierarchy description



3.8.4. **MSG – Message Text (340)**

Message Text

<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 from purchase order

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

3.9. **CTT – Transaction Totals (010)**

Transaction Totals

<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



4. Trailer Segments

4.1. 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



5. Example Messages

5.1. Sample Data 1

ST*850*0001
 BEG*00*SA*4500000001**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