



Kimball Electronics Group

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Purchase Order EDI Transaction ORDERS Specifications UN/EDIFACT Standard D.97A Outbound from Kimball

ORDERS

Purchase order message

Message Status=2

A message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		Used

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	35	N1/0030	Must use
0070	FTX	FREE TEXT	C	99	N1/0070	Used
0080		Segment Group 1	C	9999	N1/0080	Used
0090	RFF	REFERENCE	M	1	N1/0090	Must use
0100	DTM	DATE/TIME/PERIOD	C	5	N1/0100	Used
0110		Segment Group 2	C	99	N1/0110	Used
0120	NAD	NAME AND ADDRESS	M	1	N1/0120	Must use
0210		Segment Group 5	C	5	N1/0210	Used
0220	CTA	CONTACT INFORMATION	M	1	N1/0220	Must use
0230	COM	COMMUNICATION CONTACT	C	5	N1/0230	Used
0280		Segment Group 7	C	5	N1/0280	Used
0290	CUX	CURRENCIES	M	1	N1/0290	Must use
0390		Segment Group 10	C	10	N1/0390	Used
0400	TDT	DETAILS OF TRANSPORT	M	1	N1/0400	Must use

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
1010		Segment Group 28	C	200000	N2/1010	Used
1020	LIN	LINE ITEM	M	1	N2/1020	Must use
1040	IMD	ITEM DESCRIPTION	C	99	N2/1040	Used
1060	QTY	QUANTITY	C	99	N2/1060	Used
1160	FTX	FREE TEXT	C	99	N2/1160	Used
1280		Segment Group 32	C	25	N2/1280	Used
1290	PRI	PRICE DETAILS	M	1	N2/1290	Must use
1340		Segment Group 33	C	9999	N2/1340	Used
1350	RFF	REFERENCE	M	1	N2/1350	Must use
1590		Segment Group 39	C	999	N2/1590	Used
1600	NAD	NAME AND ADDRESS	M	1	N2/1600	Must use
1680		Segment Group 42	C	5	N2/1680	Used
1690	CTA	CONTACT INFORMATION	M	1	N2/1690	Must use
1700	COM	COMMUNICATION CONTACT	C	5	N2/1700	Used
2030		Segment Group 53	C	100	N2/2030	Used
2040	SCC	SCHEDULING CONDITIONS	M	1	N2/2040	Must use
2060	RFF	REFERENCE	C	5	N2/2060	Used
2070		Segment Group 54	C	10	N2/2070	Used

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2080	QTY	QUANTITY	M	1	N2/2080	Must use	
2090	DTM	DATE/TIME/PERIOD	C	5	N2/2090	Used	

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
2260	UNS	SECTION CONTROL	M	1	N3/2260	Must use
2330	UNT	MESSAGE TRAILER	M	1	N3/2330	Must use

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
	UNZ	INTERCHANGE TRAILER	M	1		Used

UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 7

User Option (Usage): Used

To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	SYNTAX IDENTIFIER Description: Identification of the agency controlling the syntax and indication of syntax level.	M	Comp		Must use
	0001	Syntax identifier Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.	M	a	4/4	Used
		Code Name UNOA UN/ECE level A				
	0002	Syntax version number Description: Version number of the syntax identified in the syntax identifier (0001).	M	n	1/1	Used
		Code Name 2 Version 2				
UNB020	S002	INTERCHANGE SENDER Description: Identification of the sender of the interchange.	M	Comp		Must use
	0004	Sender identification Description: Name or coded representation of the sender of a data interchange.	M	an	1/35	Used
	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.	C	an	1/4	Used
		Code Name 12 Telephone number				
UNB030	S003	INTERCHANGE RECIPIENT Description: Identification of the recipient of the interchange.	M	Comp		Must use
	0010	Recipient identification Description: Name or coded representation of the recipient of a data interchange.	M	an	1/35	Used
	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.	C	an	1/4	Used
		Code Name 12 Telephone number				
UNB040	S004	DATE/TIME OF PREPARATION Description: Date/time of preparation of the interchange.	M	Comp		Must use
	0017	Date of preparation Description: Local date when an interchange or a functional group was prepared.	M	n	6/6	Used
	0019	Time of preparation Description: Local time of day when an interchange or a	M	n	4/4	Used

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UNB050	0020	<p>functional group was prepared.</p> <p>Interchange control reference</p> <p>Description: Unique reference assigned by the sender to an interchange.</p>	M	an	1/14	Must use
UNB070	0026	<p>Application reference</p> <p>Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.</p>	C	an	1/14	Used
UNB110	0035	<p>Test indicator</p> <p>Description: Indication that the interchange is a test.</p> <p>All valid standard codes are used.</p>	C	n	1/1	Used

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number Description: Unique message reference assigned by the sender.	M	an	1/14	Must use
UNH020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version etc. of the message being interchanged.	M	Comp		Must use
	0065	Message type identifier Description: Code identifying a type of message and assigned by its controlling agency.	M	an	1/6	Must use
		Code Name ORDERS Purchase order message				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0052	Message type version number Description: Version number of a message type.	M	an	1/3	Must use
		Code Name D Draft version				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0054	Message type release number Description: Release number within the current message type version number (0052).	M	an	1/3	Must use
		Code Name 97A Release 1997 - A				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0051	Controlling agency Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.	M	an	1/2	Must use
		Code Name UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)				

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Must use

To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME Description: Identification of a type of document/message by code or name. Code preferred.	C	Comp		Used
	1001	Document/message name, coded Description: Document/message identifier expressed in code.	C	an	1/3	Used
		<u>Code</u> <u>Name</u> 105 Purchase order				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION Description: Identification of a document/message by its number and eventually its version or revision.	C	Comp		Used
	1004	Document/message number Description: Reference number assigned to the document/message by the issuer. User Note 1: Typically contains the date and time of the ORDERS message creation. This number has no association with the referenced purchase order.	C	an	1/35	Used
BGM030	1225	Message function, coded Description: Code indicating the function of the message.	C	an	1/3	Used
		<u>Code</u> <u>Name</u> 9 Original				

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 35
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	an	1/3	Must use
		Code Name 137 Document/message date/time				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	an	1/35	Used
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	an	1/3	Used
		Code Name 102 CCYYMMDD				

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FTX

FREE TEXT

Pos: 0070	Max: 99
Conditional	
Group: N/A	Elements: 3

User Option (Usage): Used

To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier Description: Code specifying subject of a free text.	M	an	1/3	Must use
		Code Name PUR Purchasing information				
FTX030	C107	TEXT REFERENCE Description: Coded reference to a standard text and its source.	C	Comp		Used
	4441	Free text identification Description: Free text in coded form.	M	an	1/17	Must use
FTX040	C108	TEXT LITERAL Description: Free text; one to five lines.	C	Comp		Used
	4440	Free text Description: Free text field available to the message sender for information.	M	an	1/70	Must use
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used

User Note 1: *Purchase Order header text.*

Segment Group 1

Pos: 0080	Repeat: 9999
Conditional	
Group: 1	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0090	RFF	REFERENCE	M	1	Must use
0100	DTM	DATE/TIME/PERIOD	C	5	Used

RFF REFERENCE

Pos: 0090	Max: 1
Mandatory	
Group: 1	Elements: 1

User Option (Usage): Must use

To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE Description: Identification of a reference.	M	Comp		Must use
	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.	M	an	1/3	Must use
		Code Name ON Order number (purchase)				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	an	1/35	Used

User Note 1: *Kimball Purchase Order number*

DTM DATE/TIME/PERIOD

Pos: 0100	Max: 5
Conditional	
Group: 1	Elements: 1

User Option (Usage): Used

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use				
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	an	1/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Order date/time</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	4	Order date/time				
<u>Code</u>	<u>Name</u>									
4	Order date/time									
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	an	1/35	Used				
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	an	1/3	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD				
<u>Code</u>	<u>Name</u>									
102	CCYYMMDD									

User Note 1: *Kimball Purchase Order document date*

Segment Group 2

Pos: 0110	Repeat: 99
Conditional	
Group: 2	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0120	NAD	NAME AND ADDRESS	M	1	Must use
0210		Segment Group 5	C	5	Used

NAD NAME AND ADDRESS

Pos: 0120	Max: 1
Mandatory	
Group: 2	Elements: 8

User Option (Usage): Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier Description: Code giving specific meaning to a party.	M	an	1/3	Must use
		Code Name				
		MI Planning schedule/material release issuer				
		User Note 1: Refer to the Kimball EDI Communication Information document for the descriptions of these codes.				
		ST Ship to				
		User Note 1: Refer to the Kimball EDI Communication Information document for the descriptions of these codes.				
		SU Supplier				
		User Note 1: Kimball's SAP partner (supplier) number used to generate this document. A supplier may have more than one partner number, but each document will reference only one number.				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used
	3039	Party id. identification Description: Code identifying a party involved in a transaction.	M	an	1/35	Must use
	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.	C	an	1/3	Used
		Code Name				
		92 Assigned by buyer or buyer's agent				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used
	3036	Party name Description: Name of a party involved in a transaction.	M	an	1/35	Must use
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.	C	Comp		Used
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	M	an	1/35	Must use
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	an	1/35	Used
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	an	1/35	Used

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NAD060	3164	Description: Street and number in plain language, or Post Office Box No. City name Description: Name of a city (a town, a village) for addressing purposes.	C	an	1/35	Used
NAD070	3229	Country sub-entity identification Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	C	an	1/9	Used
NAD080	3251	Postcode identification Description: Code defining postal zones or addresses.	C	an	1/9	Used
NAD090	3207	Country, coded Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.	C	an	1/3	Used

User Note 1: *If all line items have a common ship to location, then NAD-ST will occur only at the header level. If multiple ship to locations are included in this document, then the NAD-ST will occur only at the detail level.*

Segment Group 5

Pos: 0210	Repeat: 5
Conditional	
Group: 5	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0220	CTA	CONTACT INFORMATION	M	1	Must use
0230	COM	COMMUNICATION CONTACT	C	5	Used

CTA

CONTACT INFORMATION

Pos: 0220	Max: 1
Mandatory	
Group: 5	Elements: 2

User Option (Usage): Must use

To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function, coded Description: Code specifying the function of a contact (e.g. department or person).	C	an	1/3	Used
		Code Name				
		PD Purchasing contact				
		RD Receiving dock contact				
		SA Sales administration				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS Description: Code and/or name of a department or employee. Code preferred.	C	Comp		Used
	3412	Department or employee Description: The department or person within an organizational entity.	C	an	1/35	Used

COM COMMUNICATION CONTACT

Pos: 0230	Max: 5
Conditional	
Group: 5	Elements: 1

User Option (Usage): Used

To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT Description: Communication number of a department or employee in a specified channel.	M	Comp		Must use
	3148	Communication number Description: The communication number.	M	an	1/512	Must use
	3155	Communication channel qualifier Description: Code identifying the type of communication channel being used.	M	an	1/3	Must use
		<u>Code</u> <u>Name</u>				
		EM Electronic mail				
		FX Telefax				
		TE Telephone				

Segment Group 7

Pos: 0280	Repeat: 5
Conditional	
Group: 7	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0290	CUX	CURRENCIES	M	1	Must use

CUX CURRENCIES

Pos: 0290	Max: 1
Mandatory	
Group: 7	Elements: 1

User Option (Usage): Must use

To specify currencies used in the transaction and relevant details for the rate of exchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
CUX010	C504	CURRENCY DETAILS Description: The usage to which a currency relates.	C	Comp		Used				
	6347	Currency details qualifier Description: Specification of the usage to which the currency relates.	M	an	1/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Reference currency</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	2	Reference currency				
<u>Code</u>	<u>Name</u>									
2	Reference currency									
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
	6345	Currency, coded Description: Identification of the name or symbol of the monetary unit involved in the transaction.	C	an	1/3	Used				

Segment Group 10

Pos: 0390	Repeat: 10
Conditional	
Group: 10	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0400	TDT	DETAILS OF TRANSPORT	M	1	Must use

TDT

DETAILS OF TRANSPORT

Pos: 0400	Max: 1
Mandatory	
Group: 10	Elements: 2

User Option (Usage): Must use

To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT010	8051	Transport stage qualifier Description: Qualifier giving a specific meaning to the transport details.	M	an	1/3	Must use
		Code Name 12 At departure				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT050	C040	CARRIER Description: Identification of a carrier by code and/or by name. Code preferred.	C	Comp		Used
	3128	Carrier name Description: Name of party undertaking or arranging transport of goods between named points.	C	an	1/35	Used

Segment Group 28

Pos: 1010	Repeat: 200000
Conditional	
Group: 28	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
1020	LIN	LINE ITEM	M	1	Must use
1040	IMD	ITEM DESCRIPTION	C	99	Used
1060	QTY	QUANTITY	C	99	Used
1160	FTX	FREE TEXT	C	99	Used
1280		Segment Group 32	C	25	Used
1340		Segment Group 33	C	9999	Used
1590		Segment Group 39	C	999	Used
2030		Segment Group 53	C	100	Used

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LIN

LINE ITEM

Pos: 1020	Max: 1
Mandatory	
Group: 28	Elements: 2

User Option (Usage): Must use

To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item number Description: Serial number designating each separate item within a series of articles.	C	an	1/6	Used
LIN030	C212	ITEM NUMBER IDENTIFICATION Description: Goods identification for a specified source.	C	Comp		Used
	7140	Item number Description: A number allocated to a group or item.	C	an	1/35	Used
	7143	Item number type, coded Description: Identification of the type of item number.	C	an	1/3	Used
		<u>Code</u> <u>Name</u>				
		BP Buyer's part number				

IMD

ITEM DESCRIPTION

Pos: 1040	Max: 99
Conditional	
Group: 28	Elements: 3

User Option (Usage): Used

To describe an item in either an industry or free format.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD010	7077	Item description type, coded Description: Code indicating the format of a description.	C	an	1/3	Used
		Code Name A Free-form long description				
IMD020	7081	Item characteristic, coded Description: Code specifying the item characteristic being described.	C	an	1/3	Used
		Code Name 8 Product				
IMD030	C273	ITEM DESCRIPTION Description: Description of an item.	C	Comp		Used
	7008	Item description Description: Plain language description of articles or products.	C	an	1/35	Used

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QTY QUANTITY

Pos: 1060	Max: 99
Conditional	
Group: 28	Elements: 1

User Option (Usage): Used

To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
QTY010	C186	QUANTITY DETAILS Description: Quantity information in a transaction, qualified when relevant.	M	Comp		Must use				
	6063	Quantity qualifier Description: Code giving specific meaning to a quantity.	M	an	1/3	Must use				
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>21</td> <td>Ordered quantity</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	21	Ordered quantity				
<u>Code</u>	<u>Name</u>									
21	Ordered quantity									
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
	6060	Quantity Description: Numeric value of a quantity.	M	n	1/15	Must use				
	6411	Measure unit qualifier Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C	an	1/3	Used				

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FTX

FREE TEXT

Pos: 1160	Max: 99
Conditional	
Group: 28	Elements: 3

User Option (Usage): Used

To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject qualifier Description: Code specifying subject of a free text.	M	an	1/3	Must use
		Code Name PUR Purchasing information				
FTX030	C107	TEXT REFERENCE Description: Coded reference to a standard text and its source.	C	Comp		Used
	4441	Free text identification Description: Free text in coded form.	M	an	1/17	Must use
FTX040	C108	TEXT LITERAL Description: Free text; one to five lines.	C	Comp		Used
	4440	Free text Description: Free text field available to the message sender for information.	M	an	1/70	Must use
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used
	4440	Free text Description: Free text field available to the message sender for information.	C	an	1/70	Used

User Note 1: *Purchase Order line item text.*

Segment Group 32

Pos: 1280	Repeat: 25
Conditional	
Group: 32	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
1290	PRI	PRICE DETAILS	M	1	Must use

PRI

PRICE DETAILS

Pos: 1290	Max: 1
Mandatory	
Group: 32	Elements: 1

User Option (Usage): Must use

To specify price information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRI010	C509	PRICE INFORMATION Description: Identification of price type, price and related details.	C	Comp		Used
	5125	Price qualifier Description: Identification of a type of price.	M	an	1/3	Must use
		Code Name INV Invoice price				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	5118	Price Description: The monetary value associated with a purchase or sale of an article, product or service.	C	n	1/15	Used
	5284	Unit price basis Description: Basis on which the unit price/rate applies.	C	n	1/9	Used

Segment Group 33

Pos: 1340	Repeat: 9999
Conditional	
Group: 33	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
1350	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 1350	Max: 1
Mandatory	
Group: 33	Elements: 1

User Option (Usage): Must use

To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE Description: Identification of a reference.	M	Comp		Must use
	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.	M	an	1/3	Must use
		Code Name MF Manufacturer's part number				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	an	1/35	Used
		User Note 1: <i>Component manufacturer's part number.</i>				
	1156	Line number Description: Number of the line in the document/message referenced in 1154 Reference number.	C	an	1/6	Used
	4000	Reference version number Description: To uniquely identify a reference by its revision number.	C	an	1/35	Used
		User Note 1: <i>Component manufacturer's name.</i>				

User Note 1: *Component manufacturer's name and part number for the current line item. Multiple occurrences may be transmitted.*

Segment Group 39

Pos: 1590	Repeat: 999
Conditional	
Group: 39	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
1600	NAD	NAME AND ADDRESS	M	1	Must use
1680		Segment Group 42	C	5	Used

NAD NAME AND ADDRESS

Pos: 1600	Max: 1
Mandatory	
Group: 39	Elements: 8

User Option (Usage): Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier Description: Code giving specific meaning to a party.	M	an	1/3	Must use
		Code Name ST Ship to				

User Note 1: Refer to the Kimball EDI Communication Information document for the descriptions of these codes.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used
	3039	Party id. identification Description: Code identifying a party involved in a transaction.	M	an	1/35	Must use
	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.	C	an	1/3	Used
		Code Name 92 Assigned by buyer or buyer's agent				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used
	3036	Party name Description: Name of a party involved in a transaction.	M	an	1/35	Must use
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
	3036	Party name Description: Name of a party involved in a transaction.	C	an	1/35	Used
NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.	C	Comp		Used
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	M	an	1/35	Must use
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	an	1/35	Used
	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.	C	an	1/35	Used
NAD060	3164	City name Description: Name of a city (a town, a village) for addressing purposes.	C	an	1/35	Used
NAD070	3229	Country sub-entity identification Description: Identification of the name of sub-entities	C	an	1/9	Used

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(state, province) defined by appropriate governmental agencies.

NAD080	3251	Postcode identification Description: Code defining postal zones or addresses.	C	an	1/9	Used
NAD090	3207	Country, coded Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.	C	an	1/3	Used

User Note 1: *If all line items have a common ship to location, then NAD-ST will occur only at the header level. If multiple ship to locations are included in this document, then the NAD-ST will occur only at the detail level.*

Segment Group 42

Pos: 1680	Repeat: 5
Conditional	
Group: 42	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
1690	CTA	CONTACT INFORMATION	M	1	Must use
1700	COM	COMMUNICATION CONTACT	C	5	Used

CTA

CONTACT INFORMATION

Pos: 1690	Max: 1
Mandatory	
Group: 42	Elements: 2

User Option (Usage): Must use

To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function, coded Description: Code specifying the function of a contact (e.g. department or person). Code Name RD Receiving dock contact	C	an	1/3	Used
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS Description: Code and/or name of a department or employee. Code preferred.	C	Comp		Used
	3412	Department or employee Description: The department or person within an organizational entity.	C	an	1/35	Used

COM COMMUNICATION CONTACT

Pos: 1700	Max: 5
Conditional	
Group: 42	Elements: 1

User Option (Usage): Used

To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT Description: Communication number of a department or employee in a specified channel.	M	Comp		Must use
	3148	Communication number Description: The communication number.	M	an	1/512	Must use
	3155	Communication channel qualifier Description: Code identifying the type of communication channel being used.	M	an	1/3	Must use
		<u>Code</u> <u>Name</u>				
		EM Electronic mail				
		FX Telefax				
		TE Telephone				

Segment Group 53

Pos: 2030	Repeat: 100
Conditional	
Group: 53	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
2040	SCC	SCHEDULING CONDITIONS	M	1	Must use
2060	RFF	REFERENCE	C	5	Used
2070		Segment Group 54	C	10	Used

SCC

SCHEDULING CONDITIONS

Pos: 2040	Max: 1
Mandatory	
Group: 53	Elements: 1

User Option (Usage): Must use

To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	Delivery plan status indicator, coded Description: Code indicating the level of commitment of schedule information.	M	an	1/3	Must use
		Code 22		Name Deliver to schedule		

RFF REFERENCE

Pos: 2060	Max: 5
Conditional	
Group: 53	Elements: 1

User Option (Usage): Used

To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE Description: Identification of a reference.	M	Comp		Must use
	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.	M	an	1/3	Must use
		Code Name ACJ Customer material specification number				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	an	1/35	Used
	4000	Reference version number Description: To uniquely identify a reference by its revision number.	C	an	1/35	Used

User Note 1: Engineering change level and number in effect at the time of the scheduled shipment date. Each schedule line transmitted may be identified by the relevant engineering change information. A maximum of one occurrence will be transmitted per purchase order line item and shipment date.

Segment Group 54

Pos: 2070	Repeat: 10
Conditional	
Group: 54	Elements: N/A

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
2080	QTY	QUANTITY	M	1	Must use
2090	DTM	DATE/TIME/PERIOD	C	5	Used

QTY QUANTITY

Pos: 2080	Max: 1
Mandatory	
Group: 54	Elements: 1

User Option (Usage): Must use

To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS Description: Quantity information in a transaction, qualified when relevant.	M	Comp		Must use
	6063	Quantity qualifier Description: Code giving specific meaning to a quantity.	M	an	1/3	Must use
		Code Name 1 Discrete quantity				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	6060	Quantity Description: Numeric value of a quantity.	M	n	1/15	Must use
	6411	Measure unit qualifier Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C	an	1/3	Used

User Note 1: *Shipment quantity*

DTM DATE/TIME/PERIOD

Pos: 2090	Max: 5
Conditional	
Group: 54	Elements: 1

User Option (Usage): Used

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	an	1/3	Must use
		Code Name 2 Delivery date/time, requested				
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	an	1/35	Used
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	an	1/3	Used
		Code Name 102 CCYYMMDD				

User Note 1: *Shipment date*

UNS SECTION CONTROL

Pos: 2260	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use

To separate header, detail, and summary sections of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNS010	0081	Section identification Description: A character identifying the next section in a message.	M	a	1/1	Must use
		Code Name				
		S Detail/summary section separation				

UNT MESSAGE TRAILER

Pos: 2330	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message Description: Control count of number of segments in a message.	M	n	1/6	Must use
UNT020	0062	Message reference number Description: Unique message reference assigned by the sender.	M	an	1/14	Must use

UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Used

To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.	M	n	1/6	Must use
UNZ020	0020	Interchange control reference Description: Unique reference assigned by the sender to an interchange.	M	an	1/14	Must use

Outbound ORDERS Sample Data 1

UNB+UNOA:2+Sender identification:12+Recipient identification:12+021937:6507+1++Application re++++1
UNH+101+ORDERS:D:97A:UN
BGM+105+20050401103015+9
DTM+137:Date/time/period:102
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
RFF+ON:EC Level
DTM+4:Date/time/period:102
NAD+MI+Party id. identification::92++Kimball Electronics:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+PD+:KEG Buyer
COM+812-634-9497:TE
NAD+SU+40000000::92++Supplier Name:Party name:Party name:Party name+Main Street:Street and number/p.o. box:Street and number/p.o. box+Springfield+IN+12345+US
CTA+PD+:KEG Buyer
COM+812-123-4567:TE
NAD+ST+KIKEG02::92++Kimball Electronics:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+PD+:KEG Buyer
COM+812-634-9497:TE
CUX+2:USD
TDT+12++++::Carrier name
LIN+00010++123-456-789A:BP
IMD+A+8+::Item description
QTY+21:29295:EA
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
PRI+INV:0.125:::1000
RFF+MF:Manufacturer Part Number:1:Manufacturer Name
RFF+MF:Manufacturer Part Number:2:Manufacturer Name
RFF+MF:Manufacturer Part Number:3:Manufacturer Name
RFF+MF:Manufacturer Part Number:4:Manufacturer Name
SCC+22
RFF+ACJ:EC Level::EC Number
QTY+1:129:EA
DTM+2:2005-04-18:102
LIN+00020++123-456-789B:BP
IMD+A+8+::Item description
QTY+21:29295:EA
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
PRI+INV:0.125:::1000
RFF+MF:Manufacturer Part Number:1:Manufacturer Name
SCC+22
RFF+ACJ:EC Level::EC Number
QTY+1:129:EA
DTM+2:2005-04-18:102
UNS+S
UNT+42+101
UNZ+1+1

Outbound ORDERS Sample Data 2

UNB+UNOA:2+Sender identification:12+Recipient identification:12+021937:6507+1++Application re++++1
UNH+101+ORDERS:D:97A:UN
BGM+105+20050401103015+9
DTM+137:Date/time/period:102
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
RFF+ON:EC Level
DTM+4:Date/time/period:102
NAD+MI+Party id. identification::92++Kimball Electronics:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+PD+:KEG Buyer
COM+812-634-9497:TE
NAD+SU+40000000::92++Supplier Name:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+PD+:KEG Buyer
COM+812-634-9497:TE
CUX+2:USD
TDT+12++++::Carrier name
LIN+00010++123-456-789A:BP
IMD+A+8+::Item description
QTY+21:29295:EA
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
PRI+INV:0.125:::1000
RFF+MF:Manufacturer Part Number:Line n:Manufacturer Name
RFF+MF:Manufacturer Part Number:Line n:Manufacturer Name
RFF+MF:Manufacturer Part Number:Line n:Manufacturer Name
RFF+MF:Manufacturer Part Number:Line n:Manufacturer Name
NAD+ST+KIKEG01::92++Kimball Electronics:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+RD+:KEG Receiving Contact
COM+812-634-9497:TE
SCC+22
RFF+ACJ:EC Level::EC Number
QTY+1:129:EA
DTM+2:2005-04-18:102
LIN+00020++123-456-789B:BP
IMD+A+8+::Item description
QTY+21:29295:EA
FTX+PUR++Text Purpose+Text line 4:Text line 4:Text line 4:Text line 4:Text line 4
PRI+INV:0.125:::1000
RFF+MF:Manufacturer Part Number:Line n:Manufacturer Name
NAD+ST+KIKEG02::92++Kimball Electronics:Party name:Party name:Party name+1600 Royal Street:Street and number/p.o. box:Street and number/p.o. box+Jasper+IN+47549+US
CTA+RD+:KEG Receiving Contact
COM+812-634-9497:TE
SCC+22
RFF+ACJ:EC Level::EC Number
QTY+1:129:EA
DTM+2:2005-04-18:102
UNS+S
UNT+45+101
UNZ+1+1