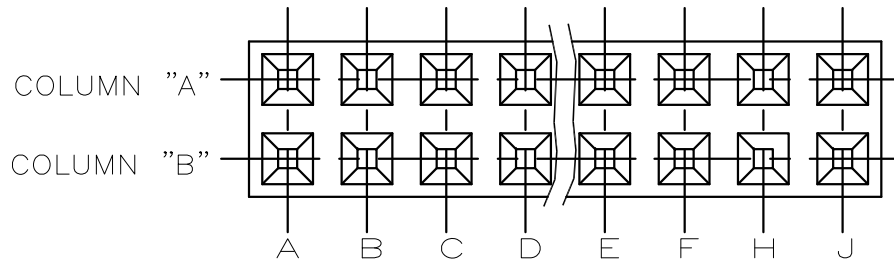
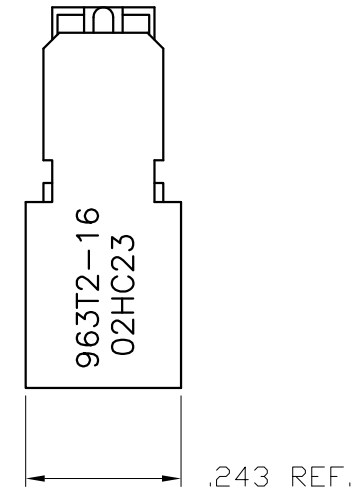
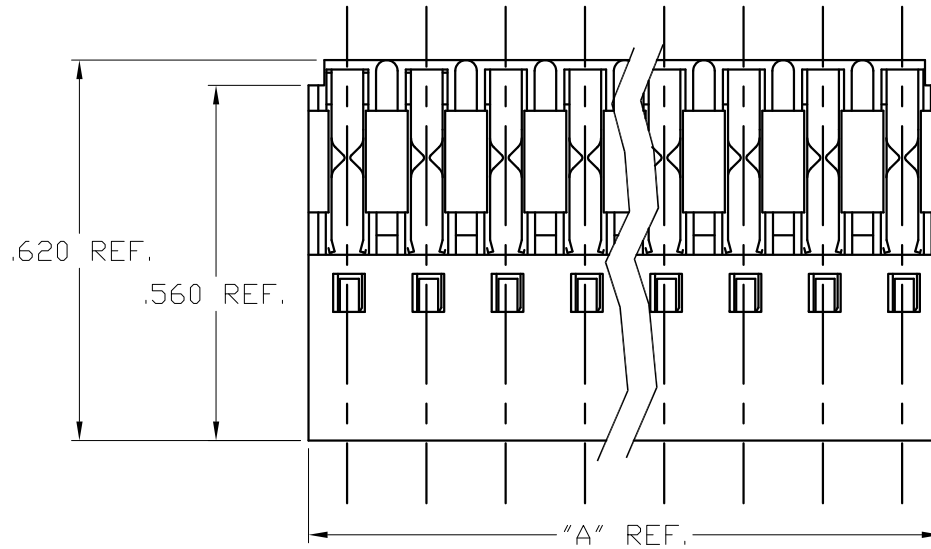


PRODUCT NUMBER
SEE TABLE

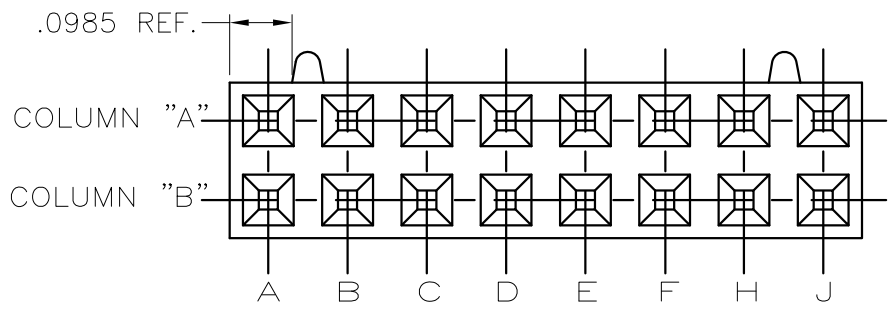
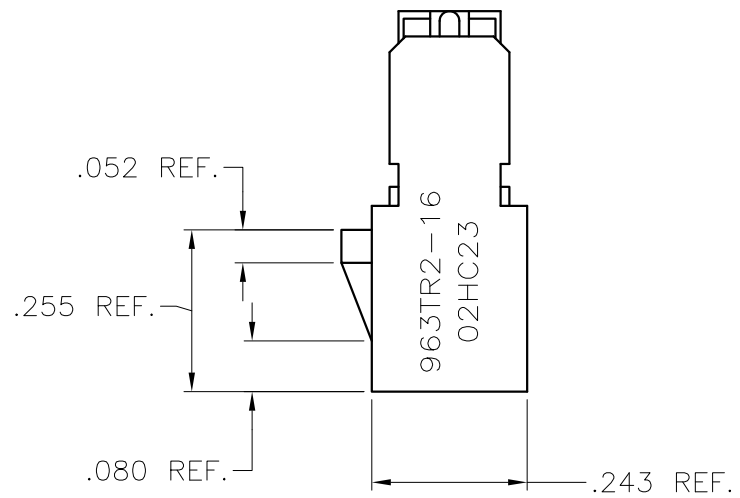
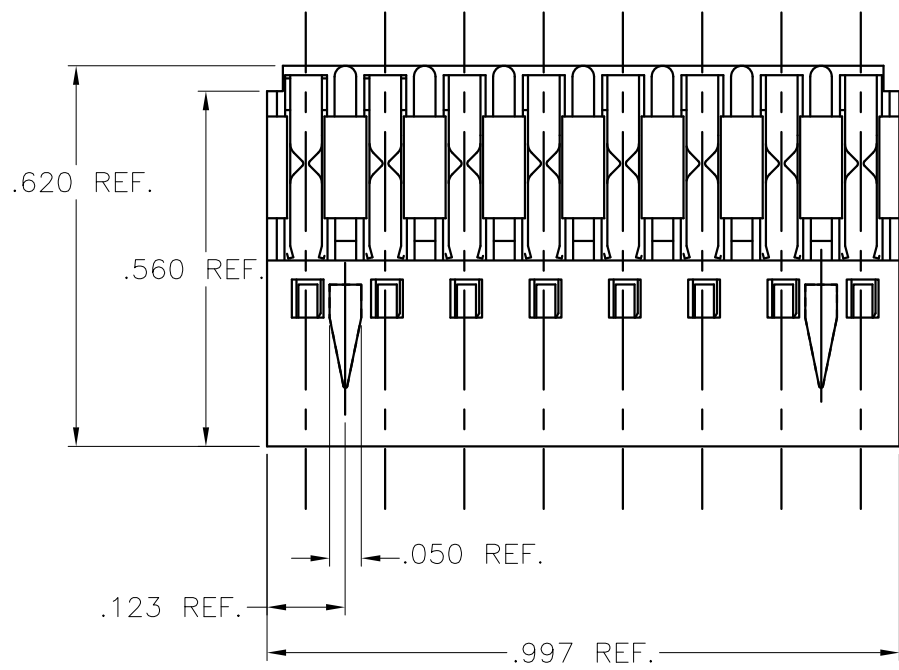
963T2 TYPE CONNECTORS
963T2-16 OR 963T2-16LF SHOWN BELOW



mat'l. code SEE NOTE 1				surface	tolerance	projection	product family
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH	title
H	V08-0401	HTB	2008-12-11	angles	linear		963T2 & 963TR2
C	V04-0468	HTB	2004-05-11			scale N.T.S.	LOW-PROFILE IDC CONNECTOR
D	V05-0152	HTB	2005-03-07	dr	R. CONRAD	2001-06-29	A93KC4016
E	V06-0457	HTB	2006-05-12	engr	R. CONRAD	2001-06-29	
F	V06-1118	HTB	2006-11-15	chr	R. CONRAD	2001-06-29	A3
G	V07-0255	HTB	2007-03-26	appd	R. CONRAD	2001-06-29	
sheet	revision	H	H	H			type
index	sheet	1	2	3			Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

963TR2 TYPE CONNECTORS (WITH RIBS)
963TR2-16 OR 963TR2-16LF SHOWN BELOW



mat'l. code SEE NOTE 1				surface	tolerance	projection	product family
ltr	ecm no	dr	date	tolerances unless otherwise specified		INCH scale N.T.S.	title
H				angles	linear		963T2 & 963TR2
							LOW-PROFILE IDC CONNECTOR
				dr	R. CONRAD	2001-06-29	dwg no
				engr	R. CONRAD	2001-06-29	sheet 2 of 3
				chr	R. CONRAD	2001-06-29	size
				appd	R. CONRAD	2001-06-29	A93KC4016
sheet	revision						type
index	sheet						Product Customer Drawing

PRODUCT NUMBER NOTE 6	DIMENSION "A"	COLOR
963T2-6	0.372	RED
963T2-6LF	0.372	RED
963T2-8	0.497	RED
963T2-8LF	0.497	RED
963T2-12	0.747	RED
963T2-12LF	0.747	RED
963T2-16	0.997	RED
963T2-16LF	0.997	RED
963T2-20	1.247	RED
963T2-24	1.497	RED
963T2-24LF	1.497	RED
963T2-32	1.997	RED
963T2-68	4.247	RED
963TR2-16	0.997	RED
963TR2-16LF	0.997	RED

OBS.
OBS.
OBS.
OBS.
NOTE 3
NOTE 3

NOTES:

- CONTACT MATERIAL: C52100, Au/Pd/Ag INLAY, IDC AREA TIN COATED.
INSULATOR MATERIAL: GF NYLON
- CONTACT CAVITIES ARE IDENTIFIED FOR REFERENCE ONLY WITH LETTER DESIGNATIONS STARTING WITH ROW "A" THRU "Y" (OMITTING G,I,O,Q,V,X,Z) AND COLUMNS "A" AND "B".
- 963TR2 PRODUCT NUMBERS HAVE RIBS FOR USE WITH THE 12 TYPE RETAINERS.
- SEE APPLICATION SPECIFICATION GS-20-004 FOR INSTRUCTIONS ON WIRE INSERTION, ASSEMBLY OF OPTIONAL COVERS AND APPROVED WIRE.
- SEE CUSTOMER DRAWING A92KC4077 FOR INFORMATION ON SNAP ON COVERS.
- ADD AN LF SUFFIX TO PART NUMBERS FOR PRODUCT THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THIS PRODUCT IS NOT INTENDED TO BE EXPOSED TO MANUFACTURING SOLDER PROCESSES.

TECHNICAL SPECIFICATIONS

CONTACT: SPACING TYPE	0.125 INCH 2 POINT OF CONTACT SOCKET
RESISTANCE	13 MILLIOHM (TYPICAL)
OPERATING TEMPERATURE	-55°C TO 85°C
DURABILITY	200 INSERTION/EXTRACTIONS MIN.
WITHSTANDING VOLTAGE	1,500 V rms (MIN.), 2,500 V SURGE (MIN.) *
INSERTION FORCE	0.25 LB. MAXIMUM/CONTACT
EXTRACTION FORCE	0.25 LB. MAXIMUM/CONTACT
NORMAL FORCE	100 GRAMS MINIMUM
WIRE SIZE ***	24 TO 22 AWG, .049" MAX. INSUL.
MAX. RECOMMENDED CURRENT	1.5 AMP/CONTACT (MAXIMUM) **

* BASED ON SURGE HAVING 10 U SEC. RISE TIME & 700 U SEC. FALL TO 1/2 PEAK.
 ** BASED ON A 30°C TEMPERATURE RISE, WITH ALL CONTACTS SIMULTANEOUSLY CARRYING THE SAME CURRENT REFERENCES AND FREE CONVECTION COOLING.
 *** SEE NOTE 4

mat'l. code SEE NOTE 1				surface ☒ tolerance		projection 		product family FASTECH	
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH		title	
H				angles	linear	scale N.T.S.		963T2 & 963TR2 LOW-PROFILE IDC CONNECTOR	
				dr	R. CONRAD	2001-06-29	dwg no		sheet 3 of 3
				engr	R. CONRAD	2001-06-29	A93KC4016		A3
				chr	R. CONRAD	2001-06-29	type		Product Customer Drawing
				appd	R. CONRAD	2001-06-29			
sheet	revision								
index	sheet								