

PRODUCT NUMBER
 SEE SHEET 7

TECHNICAL SPECIFICATIONS

BODY CARRIED PIN

PARAMETER	SPECIFICATION
CONTACT: BASE METAL	COPPER-NICKEL-TIN ALLOY(C72500)
FINISHES:	
CONTACT SURFACES:	30u" MIN Au FLASHED PD Ni ON Ni
~~GXT~~	~~40u" MIN Au ON Ni~~
~~GOLD~~	~~6u" MIN Au ON 50u" MIN Ni Alloy~~
NXT	50u" MIN Ni Alloy
NICKEL	
COMPLIANT SECTION	SOLDER ELECTROPLATE
DIMENSIONS	0.025 in square (crowned)
RECOMMENDED PLATED THROUGH HOLES SIZE	0.041 in. +0.003 in ./-0.002 in
INSERTION FORCE	45 lb. (maximum)
RETENTION FORCE	9 lb.(minimum)
OPERATING TEMPERATURE	-55°C to +85° C
CENTER SPACING	0.125 in.
LUBRICATION	polyphenylether

 NOT AVAILABLE
 NOT AVAILABLE

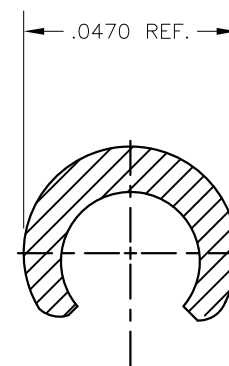
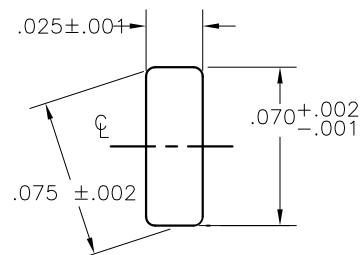
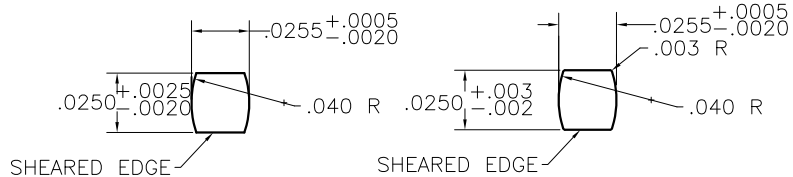
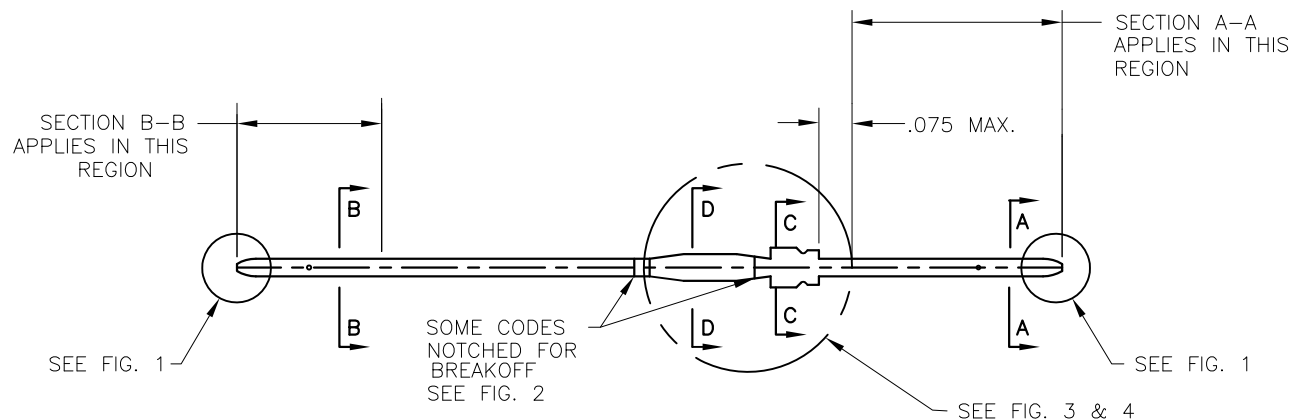
mat'l. code		surface		tolerance		projection		product family	
SEE TABLE		ASME Y14.5		ASME Y14.5				FASTECH	
ltr	ecm no	dr	date	tolerances unless otherwise specified				title	
M				angles	to	INCH		1 TYPE CONTACT	
					from	scale N.T.S.			
				dr	T. BREWBAKER	2003-03-11	dwg no		sheet 2 of 7
				engr	T. BREWBAKER	2003-03-11	A93KC4040		size
				chr	T. BREWBAKER	2003-03-11	A4		
				appd	T. BREWBAKER	2003-03-11	type		CUSTOMER Drawing
sheet index	revision sheet								

PRODUCT NUMBER

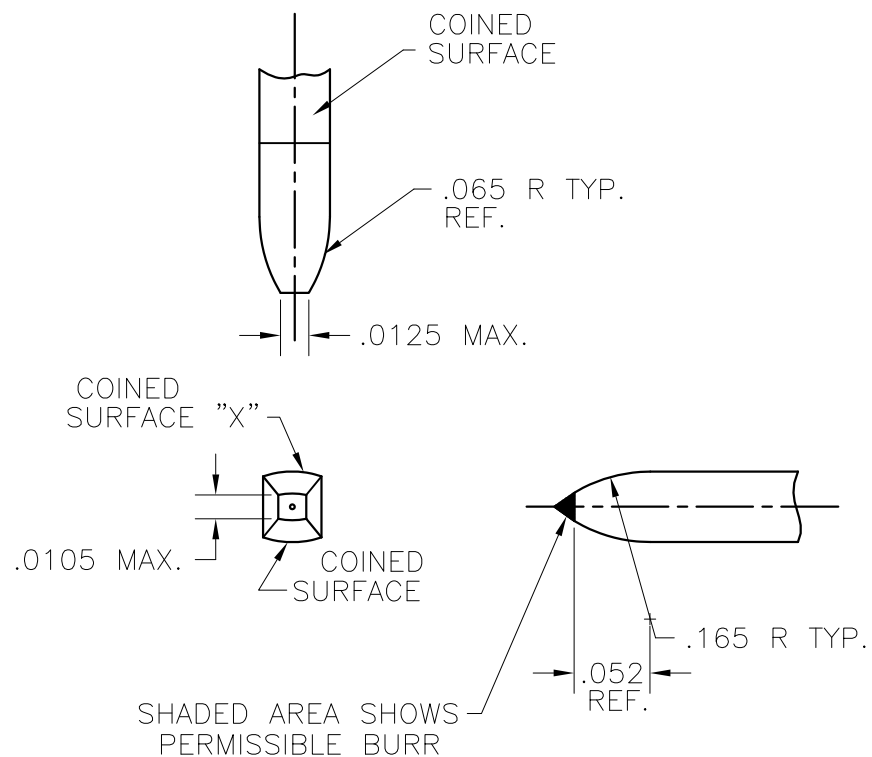
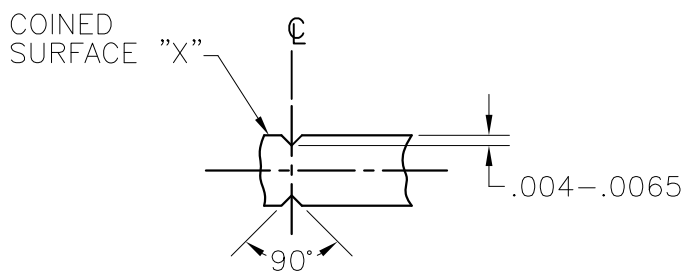
SEE SHEET 7

WIRING SIDE

CIRCUIT PACK SIDE



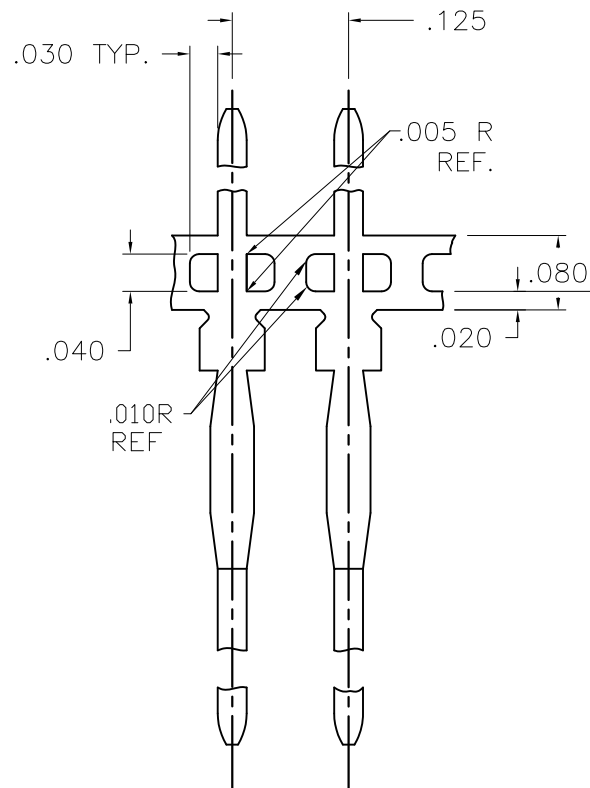
mat'l. code SEE TABLE				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family FASTECH	
ltr	ecm no	dr	date	tolerances unless otherwise specified		INCH	title 1 TYPE CONTACT	
M				angles	fin		scale N.T.S.	
				dr	T. BREWBAKER	2003-03-11	FCI	dwg no
				engr	T. BREWBAKER	2003-03-11		sheet 3 of 7
				chr	T. BREWBAKER	2003-03-11		size
				appd	T. BREWBAKER	2003-03-11		A4
sheet index	revision sheet						type CUSTOMER Drawing	

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 FIG. 1
 BODY CARRIED TIP
 CONFIGURATION

 FIG. 2
 NOTCH

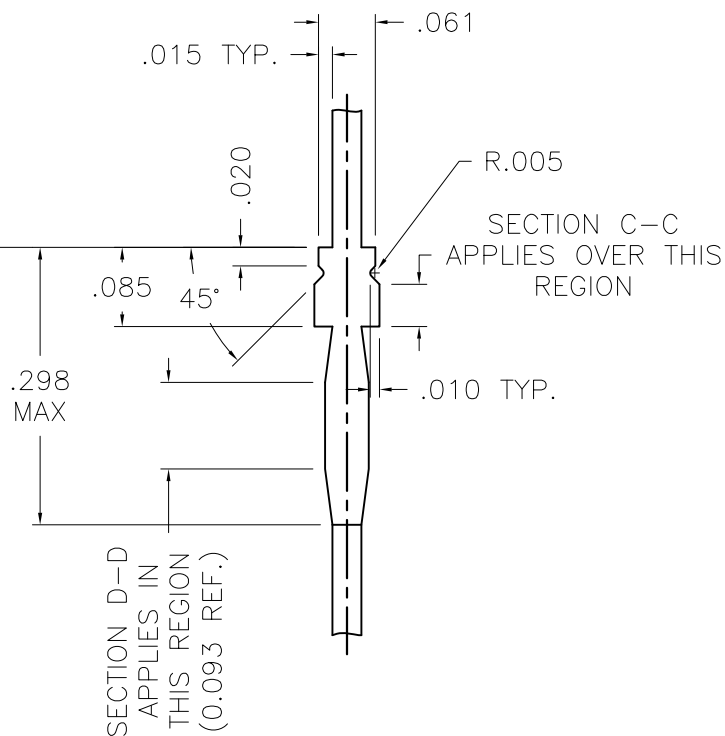
mat'l. code SEE TABLE				surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family FASTECH	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH ←→	title 1 TYPE CONTACT	
M				angles	fin ing		dwg no A93KC4040	
						scale N.T.S.	sheet 4 of 7	size A4
				dr	T. BREWBAKER	2003-03-11		
				engr	T. BREWBAKER	2003-03-11		
				chr	T. BREWBAKER	2003-03-11		
				appd	T. BREWBAKER	2003-03-11		
sheet index	revision sheet						type CUSTOMER Drawing	

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BODY CARRIED PIN
WITH CARRIER
FIG. 3



AFTER CARRIER REMOVAL
FIG. 4

mat'l. code SEE TABLE				surface ASME Y14.5	tolerance ASME Y14.5	projection INCH	product family FASTECH
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale N.T.S.	title 1 TYPE CONTACT
M				angles	to from		
				dr	T. BREWBAKER	2003-03-11	dwg no
				engr	T. BREWBAKER	2003-03-11	sheet 5 of 7
				chr	T. BREWBAKER	2003-03-11	size A4
				appd	T. BREWBAKER	2003-03-11	type CUSTOMER Drawing
sheet index	revision sheet						

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FCI 1-TYPE PIN PART NUMBER DESCRIPTIONS

TYPE	STYLE	PLATING (See Plating Notes- Sheet 2)	Carrier
1B (Standard)	- 1 thru 34	~~None = GXT~~ NOT AVAILABLE ~~G = Gold~~ NOT AVAILABLE A = NXT	NONE = Body Carried Carrier SG = single pin (No carrier)
1C (Plated Shoulder)	- 1 thru 6	G = Gold	NONE = Body Carried SG = single pin (No carrier)
1D (Circuit Pack Side Breakoff)	- 1 thru 4	~~None = GXT~~ NOT AVAILABLE ~~G = Gold~~ NOT AVAILABLE A = NXT	NONE = Body Carried Carrier SG = single pin (No carrier)
1E (Torlon Bushing)	- 1 thru 5	O B S O L E T E	
Example: 1B-4GSG = 1B-4, Gold plated, Single Pin			

mat'l. code		surface		tolerance		projection		product family	
SEE TABLE		ASME Y14.5		ASME Y14.5				FASTECH	
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH		title	
M				angles				1 TYPE CONTACT	
						scale N.T.S.		dwg no	
		dr	T. BREWBAKER	2003-03-11			sheet 6 of 7		size
		enr	T. BREWBAKER	2003-03-11			A93KC4040		A4
		chr	T. BREWBAKER	2003-03-11			CUSTOMER Drawing		
		appd	T. BREWBAKER	2003-03-11					
sheet index	revision sheet								



SINGLE PINS

FCI PART NUMBERS BY PLATING TYPE

	GXT NOT AVAILABLE	NXT	GOLD NOT AVAILABLE	NICKEL OR NICKEL ALLOY
STANDARD PINS	--	1B-1ASG	1B-1GSG	
	--	1B-2ASG	1B-2GSG	
	--	1B-3ASG	1B-3GSG	NOT AVAILABLE
	--	1B-4ASG	1B-4GSG	
	--	1B-5ASG	1B-5GSG	NOT AVAILABLE
	--	1B-6ASG	1B-6GSG	NOT AVAILABLE
	--	1B-7ASG	1B-7GSG	NOT AVAILABLE
	--	1B-8ASG	1B-8GSG	NOT AVAILABLE
	--	1B-9ASG	1B-9GSG	NOT AVAILABLE
	--	1B-10ASG	1B-10GSG	NOT AVAILABLE
	--	1B-13ASG	1B-13GSG	NOT AVAILABLE
	--	1B-14ASG	1B-14GSG	NOT AVAILABLE
	--	1B-15ASG	1B-15GSG	
	--	1B-16ASG	1B-16GSG	NOT AVAILABLE
	--	1B-17ASG	1B-17GSG	NOT TOOLED
	--	1B-18ASG	1B-18GSG	NOT TOOLED
	--	1B-19ASG	1B-19GSG	NOT TOOLED
	--	1B-20ASG	1B-20GSG	
	--	1B-21ASG	1B-21GSG	
	--	1B-22ASG	1B-22GSG	NOT AVAILABLE
	--	1B-23ASG	1B-23GSG	NOT AVAILABLE
	--	1B-24ASG	1B-24GSG	
	--	1B-25ASG	1B-25GSG	
	--	1B-26ASG	1B-26GSG	
	--	1B-27ASG	1B-27GSG	
	--	1B-28ASG	1B-28GSG	
	--	1B-29ASG	1B-29GSG	NOT AVAILABLE
	--	1B-30ASG	1B-30GSG	NOT AVAILABLE
	--	1B-31ASG	1B-31GSG	
	--	1B-32ASG	1B-32GSG	
	--	1B-33ASG	1B-33GSG	NOT AVAILABLE
	--	1B-34ASG	1B-34GSG	
PLATED SHOULDER FOR USE WITH 5G SHORTING CONTACTS			1C-1GSG	NOT AVAILABLE
			1C-2GSG	NOT AVAILABLE
			1C-3GSG	NOT AVAILABLE
			1C-4GSG	NOT AVAILABLE
			1C-5GSG	NOT AVAILABLE
CIRCUIT PACK SIDE BREAKOFF	--	1D-1ASG	1D-1GSG	
	--	1D-2ASG	1D-2GSG	NOT AVAILABLE
				1D-3SG
	--	1D-4ASG	1D-4GSG	NOT AVAILABLE
TORLON PIN REFERENCE SEE DRAWING A88KC4093 FOR PIN DETAILS			1E-1	NOT TOOLED
			1E-2	NOT TOOLED
			1E-3	NOT TOOLED
			1E-4	NOT AVAILABLE
			1E-5	NOT AVAILABLE

BODY CARRIED, .125 IN. CENTERS, 50,000 PINS/REEL

FCI PART NUMBERS BY PLATING TYPE

	GXT NOT AVAILABLE	NXT	GOLD NOT AVAILABLE	NICKEL OR NICKEL ALLOY
STANDARD PINS	--	1B-1A	1B-1G	
	--	1B-2A	1B-2G	NOT AVAILABLE
	--	1B-3A	1B-3G	
	--	1B-4A	1B-4G	
	--	1B-5A	1B-5G	NOT AVAILABLE
	--	1B-6A	1B-6G	NOT AVAILABLE
	--	1B-7A	1B-7G	NOT AVAILABLE
	--	1B-8A	1B-8G	NOT AVAILABLE
	--	1B-9A	1B-9G	NOT AVAILABLE
	--	1B-10A	1B-10G	NOT AVAILABLE
	--	1B-13A	1B-13G	
	--	1B-14A	1B-14G	NOT AVAILABLE
	--	1B-15A	1B-15G	
	--	1B-16A	1B-16G	NOT AVAILABLE
	--	1B-17A	1B-17G	NOT TOOLED
	--	1B-18A	1B-18G	NOT TOOLED
	--	1B-19A	1B-19G	NOT TOOLED
	--	1B-20A	1B-20G	
	--	1B-21A	1B-21G	
	--	1B-22A	1B-22G	
	--	1B-23A	1B-23G	NOT AVAILABLE
	--	1B-24A	1B-24G	
	--	1B-25A	1B-25G	NOT AVAILABLE
	--	1B-26A	1B-26G	
	--	1B-27A	1B-27G	
	--	1B-28A	1B-28G	NOT AVAILABLE
	--	1B-29A	1B-29G	NOT AVAILABLE
	--	1B-30A	1B-30G	NOT AVAILABLE
	--	1B-31A	1B-31G	NOT AVAILABLE
	--	1B-32A	1B-32G	NOT AVAILABLE
	--	1B-33A	1B-33G	NOT AVAILABLE
	--	1B-34A	1B-34G	NOT AVAILABLE
PLATED SHOULDER FOR USE WITH 5G SHORTING CONTACTS			1C-1G	NOT AVAILABLE
			1C-2G	NOT AVAILABLE
			1C-3G	NOT AVAILABLE
			1C-4G	NOT AVAILABLE
			1C-5G	NOT AVAILABLE
CIRCUIT PACK SIDE BREAKOFF	--	1D-1A	1D-1G	
	--	1D-2A	1D-2G	NOT AVAILABLE
				1D-3
	--	1D-4A	1D-4G	NOT AVAILABLE

mat'l. code		surface		tolerance		projection		product family		
SEE TABLE		ASME Y14.5		ASME Y14.5				FASTECH		
ltr	ecr no	dr	date	tolerances unless otherwise specified				title		
M				angles				1 TYPE CONTACT		
								dwg no		
				scale N.T.S.				sheet 7 of 7		
				dr	T. BREWBAKER	2003-03-11				
				enr	T. BREWBAKER	2003-03-11				
				chr	T. BREWBAKER	2003-03-11				
				appd	T. BREWBAKER	2003-03-11				
sheet index		revision sheet						A93KC4040		
								CUSTOMER Drawing		