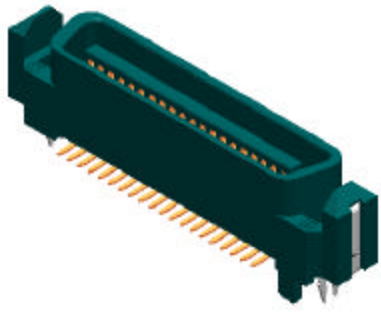
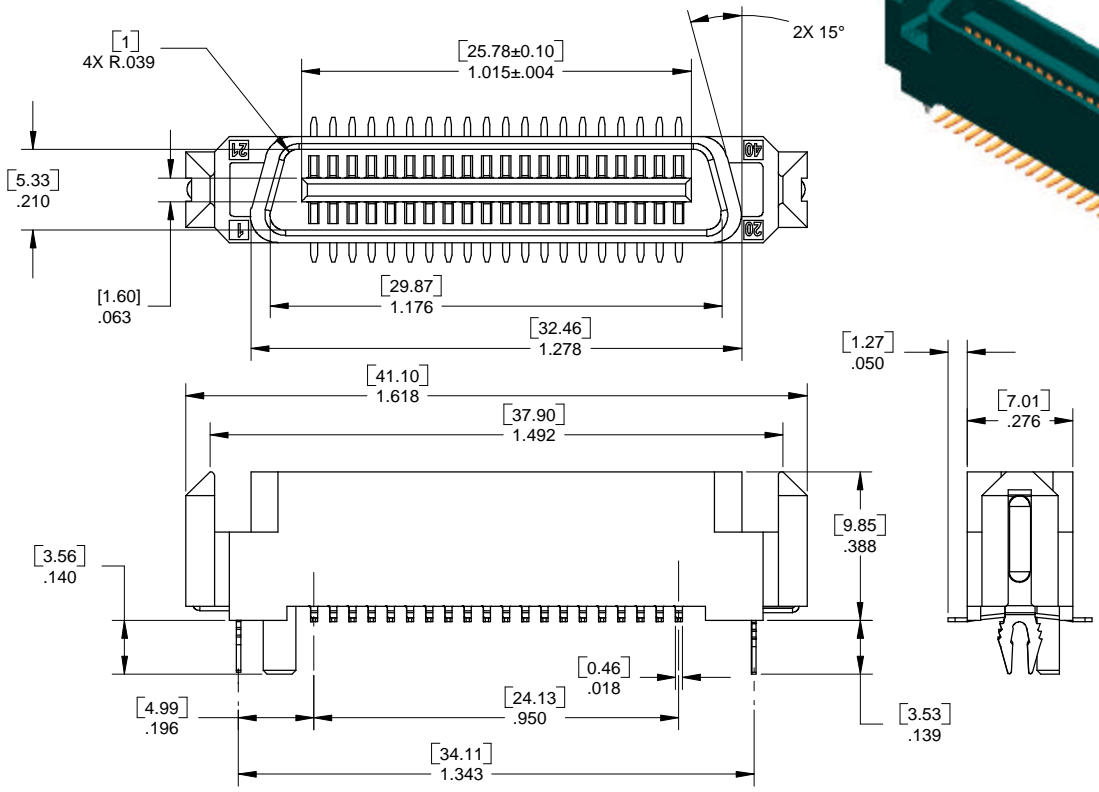


PART NO. CA-40SCA2P-F-01

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	INITIAL RELEASE SEE DO 5317	AJ	10-30-03	L.F.
B	DO 5346	CP	12-09-03	A.J.



CA-40SCA2P-F-01

NO. OF PIN POSITIONS: 40

SINGLE CONNECTOR ATTACHMENT PLUG:

PLATING:

CONTACT:
 F = MATING AREA : .000030 [.00076] GOLD
 TAIL AREA : .000150 [.00381] TIN/LEAD
 UNDERPLATE : .000050 [.00127] NICKEL

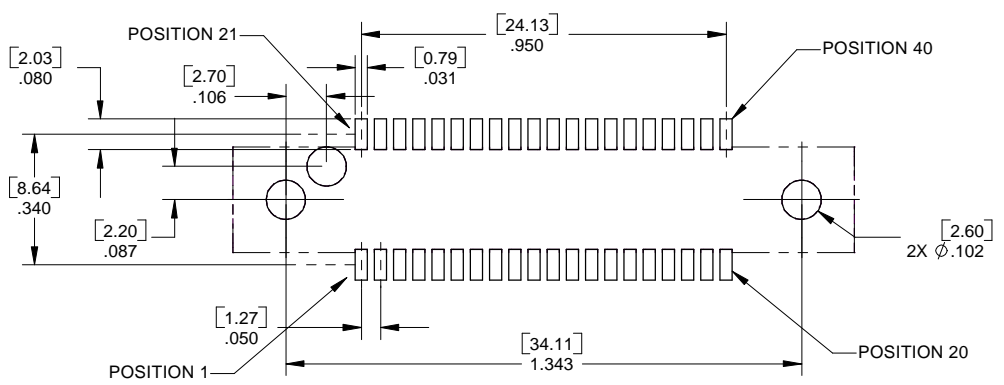
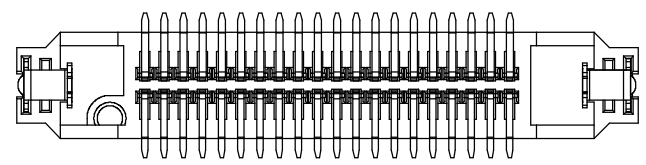
CLIP:
 .000150 [.00381] TIN/LEAD OVER
 .000050 [.00127] NICKEL

TAIL CONFIGURATION:
 01 = SURFACE MOUNTING (SMT)

SPECIFICATIONS:
 CONFORMS TO SFF-8451 SPECIFICATIONS FOR SCA-2 UNSHIELDED CONNECTORS

- MECHANICAL**
- MATING FORCE : 90g MAX. PER CONTACT
 - UNMATING FORCE : 15g MIN. PER CONTACT
 - DURABILITY : 500 CYCLES MINIMUM
 - CONTACT MATERIAL : PHOSPHOR BRONZE
 - INSULATOR MATERIAL : HIGH TEMPERATURE THERMOPLASTIC BLACK, UL94V-0
 - CLIP MATERIAL : BRASS
 - CONTACT PLATING:
 MATING AREA : 0.00076 [30uin] GOLD
 TAIL AREA : 0.0038 [150uin] TIN/LEAD
 UNDERPLATE : 0.0013 [50uin] NICKEL
 - CLIP PLATING : 0.0038 [150uin] TIN/LEAD OVER
 0.0013 [50uin] NICKEL

- ENVIRONMENTAL**
- TEMPERATURE RANGE : -55°C TO 105°C
- ELECTRICAL**
- VOLTAGE RATING : 250V AC
 - DIELECTRIC WITHSTANDING VOLTAGE : 500V DC FOR 1 MIN.
 - INSULATOR RESISTANCE : >1000 MEGOHMS @ 250 Vrms
 - CONTACT RESISTANCE : <35 MILLIOHMS
 - CURRENT RATING : 1 AMP



RECOMMENDED P.C.B. FOOTPRINT (COMPONENT SIDE)

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		APPROVALS	DATE	CIRCUIT ASSEMBLY CORP. 18 THOMAS ST., IRVINE, CALIFORNIA 92618-2777	
DECIMALS	ANGLES	DRAWN CUONG P.	10-30-03		
.XX ±.01	±3°	CHECKED A. JOCHEN	10-30-03	CONNECTOR ASSEMBLY - PLUG SURFACE MOUNTING (SMT) SCA2 SERIES	
.XXX ±.005		<small>THE INFORMATION AND DESIGN DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF CIRCUIT ASSEMBLY CORPORATION. CIRCUIT ASSEMBLY CORPORATION RESERVES ALL PATENT, PROPRIETARY, DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THEREBY, AND TO ANY ARTICLES DISCLOSED HEREIN EXCEPT TO THE EXTENT RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. THE FOREGOING DOES NOT APPLY TO VENDOR PROPRIETARY RIGHTS.</small>			
DIMENSIONS IN BRACKETS [X.XX] ARE IN MILLIMETERS TOLERANCES ARE:		SIZE	CODE IDENT NO.	DRAWING NO.	REV.
DECIMALS	ANGLES	C	52072	620462	B
.X ±.25	±3°	SCALE: 4:1		SHEET 1 OF 1	
.XX ±.13		DO NOT SCALE DRAWING			