

PRODUCT NO.	DESCRIPTION	REEL	Q'TY
10033178-001	W/O CAP	13"	700

NOTES:

1. MATERIAL:

HOUSING: THERMOPLASTIC PER FCI SPEC# 16-512-035, (DSM TE250F6), UL94V-0, BLACK.

POGO PIN: COPPER ALLOY (JIS-C3604 BD), GOLD OVER NICKEL UNDERPLATED
ESPECIALLY 10u" GOLD ON INTERFACE AREA.

SPRING: PIANO WIRE (JIS-SWP-A), GOLD OVER SILVER PLATED.

2. MECHANICAL:

DURABILITY: 10,000 CYCLES MINIMUM

PIN OPERATION FORCE (REF TO 2 DIGRAMS BELOW)

*. PIN #1 & PIN #4: 0.6N AT 0.7mm COMPRESSED

*. PIN #2 & PIN #3: 0.5N AT 0.5mm COMPRESSED

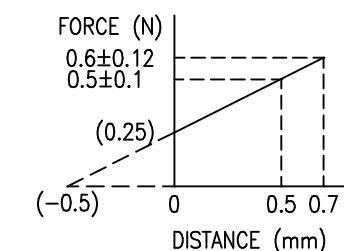
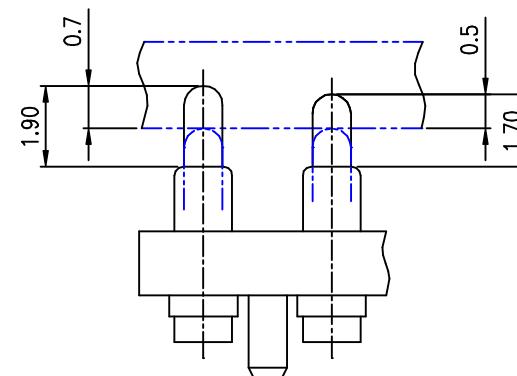
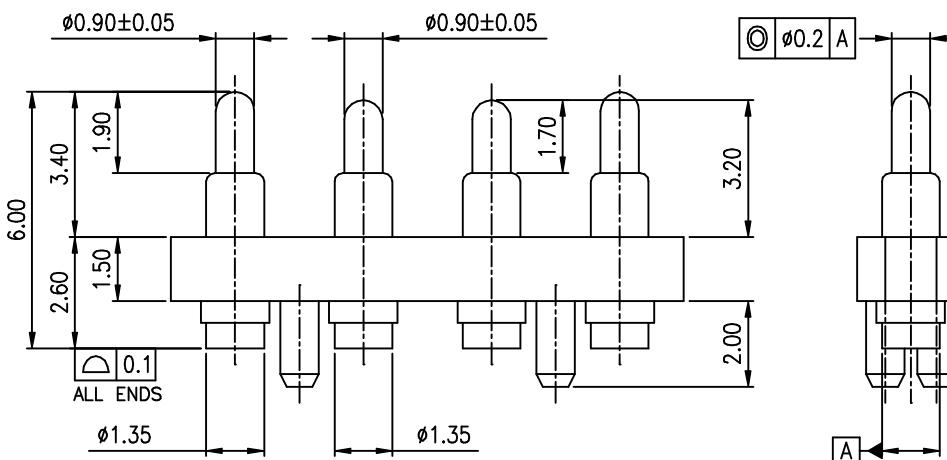
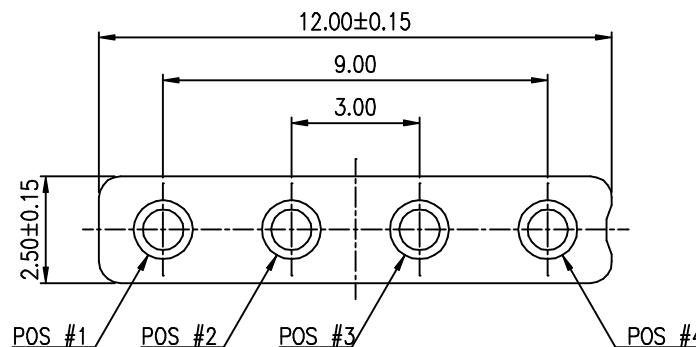
3. ELECTRICAL

CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM; INITIAL

60 MILLIOHMS MAXIMUM AFTER TEST

INSULATION RESISTANCE: 100 MEGOHMS MINIMUM

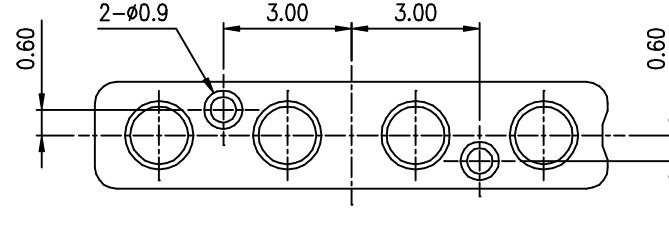
DIELECTRIC WITHSTAND VOLTAGE: 500 VAC/RMS FOR 1 MINUTE



POS #1 & 4 POS #2 & #3

COMPRESSED AFTER CONTACT

STROKE vs. FORCE



matl. code				tolerances unless otherwise specified				CUSTOMER COPY	projection	title	www.fcconnect.com
ltr	ecn no	dr	date	XX ± .25	XXX ± .08	XX ± .15	XX ± .08				
A	TO3-0369	RC	09/15/03	linear							
B	TO4-0053	RC	02/26/04								
C	TO4-0245	RC	06/10/04	angles	0° ± 2°						
		dr	Rex Chang	01/24/03		mm					
		engr	Rex Chang	01/24/03							
		chr	Paul Wang	01/27/03	scale						
		appd	Jenn Tsao	01/27/03	NONE						
sheet	revision	C									
index	sheet	1									