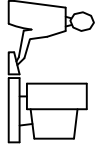


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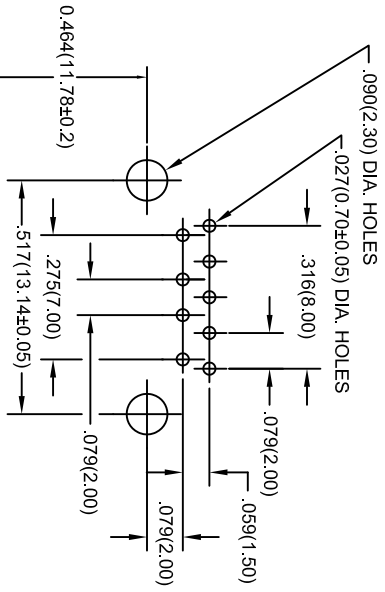
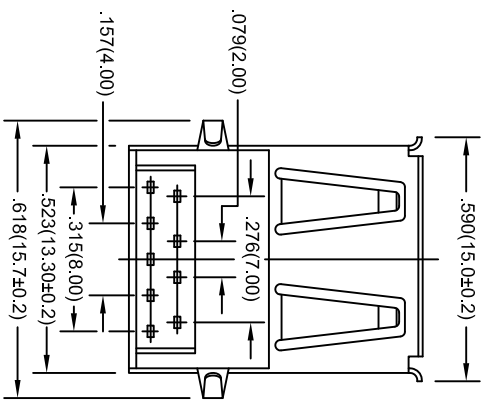
ISSUE NUMBER
REMOVE P/N: 690-009-221-013
R.STA:MONICA MAY.07/10 (7)
ADD P/N: 690-009-521T013 AND 690-009-621T013
R.STA:MONICA JUN.01/10 (8)
690-009-521-313 WAS
690-009-521T013 AND 690-009-621-313 WAS
690-009-621T013. ADD TAPE & REEL AND PCB TOLERANCE
R.STA:MONICA JUN.07/10 (9)

SPECIFICATION:

CONTACT CURRENT RATING: 1.8 A PER PIN MIN. AT25°C (STILL AIR)
 INSULATION RESISTANCE: 100 MEGOHMS MIN. AT DC FOR 1 MINUTE
 DWV: .100 VAC FOR 1 MINUTE
 LOW LEVEL CONTACT RESISTANCE: 50 MILLIONHMS MAX.
 INSERTION FORCE: 3.57 KG.(35N) MAX.
 EXTRACTION FORCE: 1.02 KG.(10N) MIN. FOR INITIAL
 OPERATING TEMPERATURE: -30°C TO +85°C

MATERIALS:

SHELL: BRASS, NICKEL PLATED
 CONTACTS: PHOSPHOR BRONZE, PLATED WITH 15 MICRONS OF GOLD
 ON CONTACT AREA, TIN ON TAIL OVER NICKEL.
 INSULATORS: PBT, UL94V-0, BLUE COLOR (PANTONE 300C)



PC BOARD MOUNTING DIMENSIONS



THIS SERIES FULLY CONFORMS TO THE
 EUROPEAN UNION DIRECTIVES 2002/95/EC
 AND 2002/96/EC FOR ROHS COMPLIANCY.

PART NUMBERS	GOLD PLATING	PACKAGING DETAIL
690-009-521-013	15 u" OF GOLD	TAPE AND REEL
690-009-521-313	15 u" OF GOLD	PLASTIC TRAY
690-009-621-013	30 u" OF GOLD	TAPE AND REEL
690-009-621-313	30 u" OF GOLD	PLASTIC TRAY

NOTE:

TOLERANCE FOR ALL DIMENSIONS IN MM IS ± 0.1 ,
 UNLESS OTHERWISE SPECIFIED

USB-A RECEPTACLE 90° DIP, 3.0 VERSION

ACAD REFERENCE NO. 690-009-521-013	
DRAWN: F.BRIONES	DATE: AUG.17/09
PART NUMBER	
SEE ABOVE	
DRAWING NUMBER	SHEET 1 OF 3
690-009-521-013	ISSUE
	9

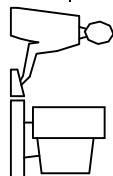


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 TORONTO, ONTARIO
 CANADA

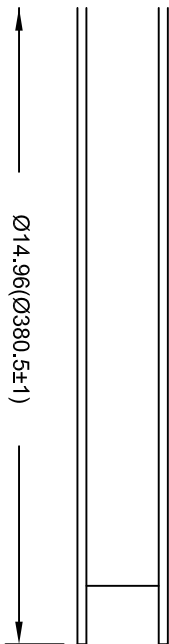
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ISSUE NUMBER
SEE PAGE 1 OF 3
(9)



1.275(32.4+0.2/0)

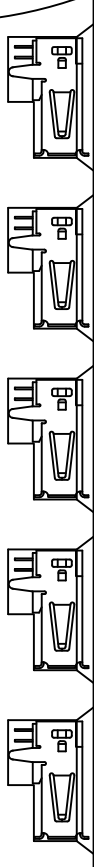
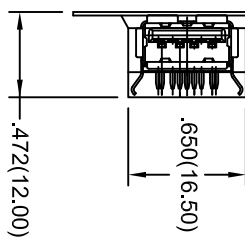
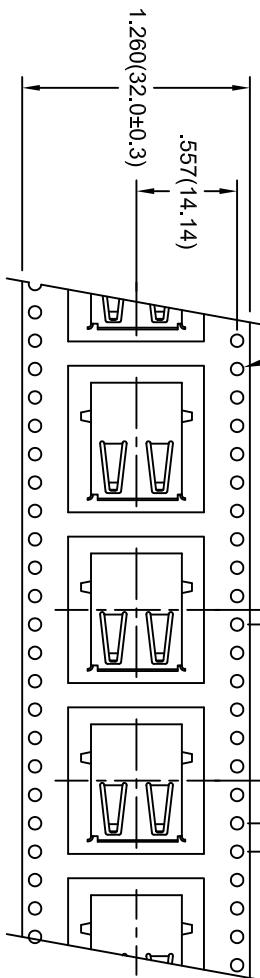
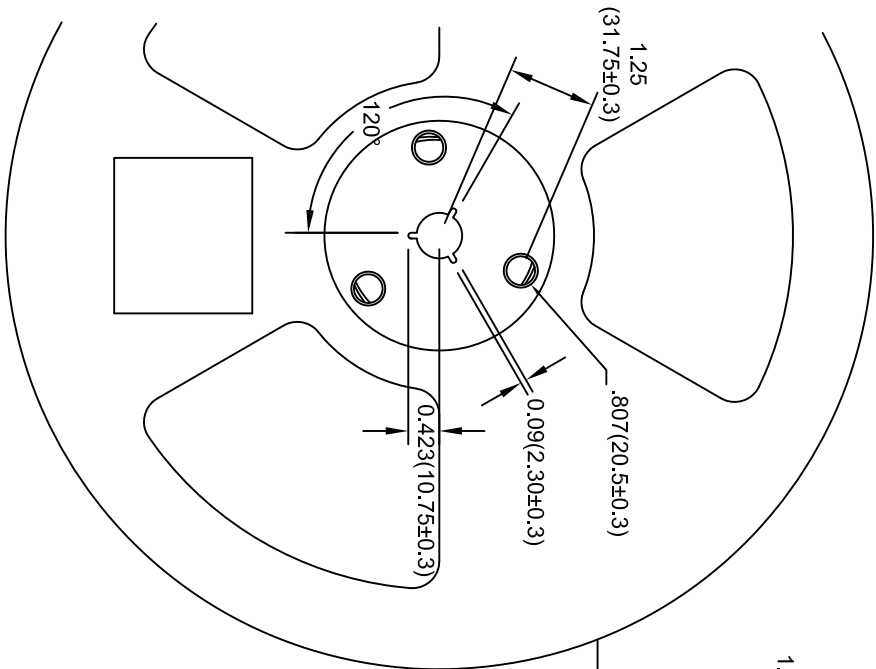
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.079(2.00)

.945(24.00)

.157(4.00)

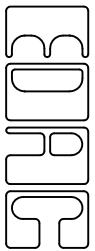
.020(0.50±0.05)



NOTE:
TOLERANCE FOR ALL DIMENSIONS IN MM IS ±0.1, UNLESS OTHERWISE SPECIFIED

**USB-A RECEPTACLE 90° DIP, 3.0 VERSION
PACKAGING REEL (350 PCS PER REEL)**

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ACAD REFERENCE NO. 690-009-521-013

DRAWN: F. BRIONES DATE: AUG. 17/09

PART NUMBER

SEE PAGE 1 OF 3

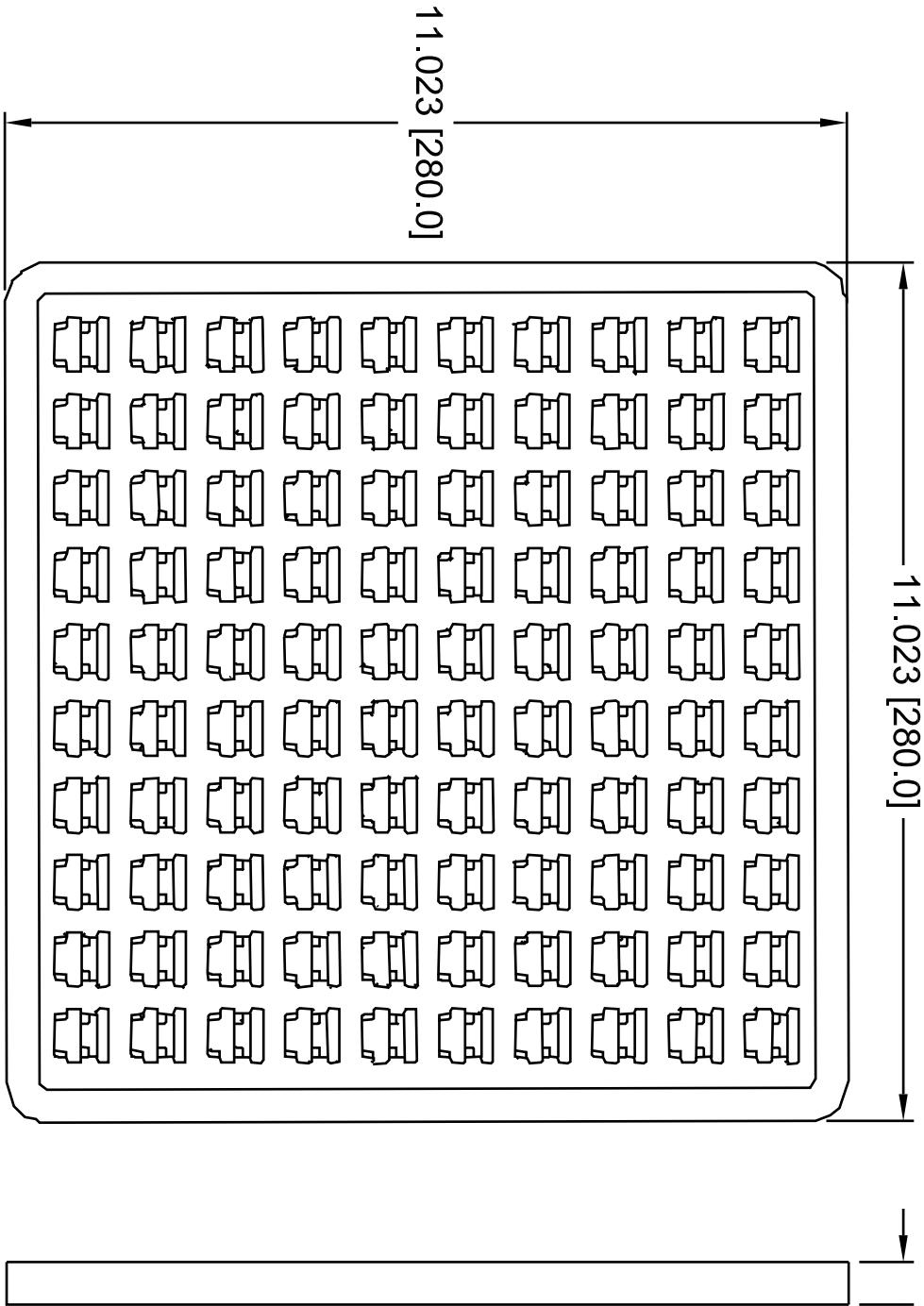
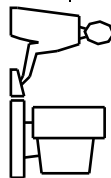
SHEET 2 OF 3

DRAWING NUMBER

690-009-521-013

ISSUE

9



NOTES:

1. MATERIAL: TRANSPARENT PVC
2. THICKNESS: 0.20 ± 0.05MM
3. PCS / TRAY : 100PCS
4. TRAY / BOX : 25TRAYS
5. PCS / BOX : 2500PCS
6. CARTON SIZE:
300MM x 300MM x 265MM

**USB-A RECEPTACLE 90° DIP, 3.0 VERSION
TRAY PACKAGING (100 PCS PER TRAY)**

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DRAWN: R. STAMONICA DATE: JUN.01/10

PART NUMBER

SEE PAGE 1 OF 3

DRAWING NUMBER

690-009-521-013

ISSUE

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