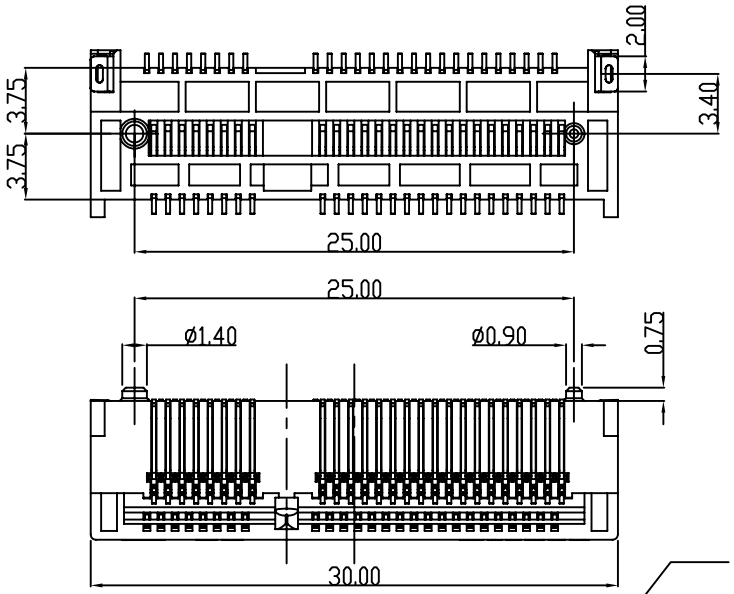
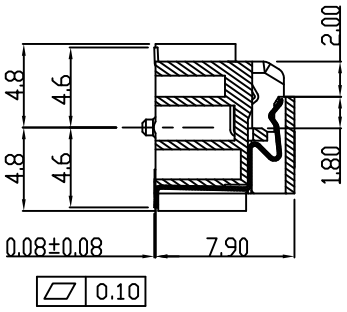
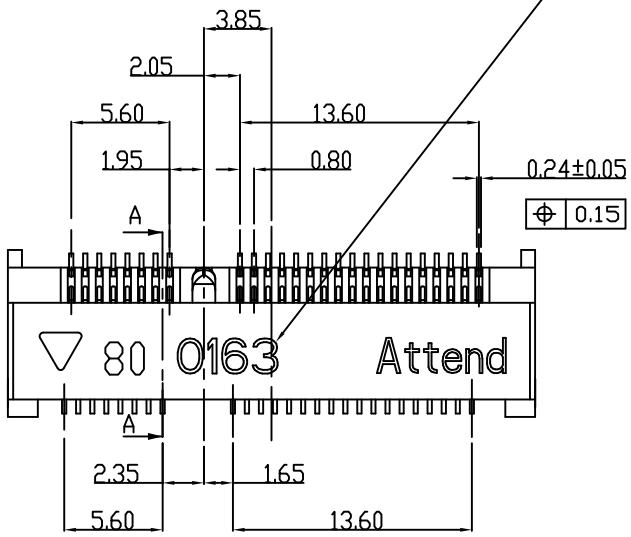
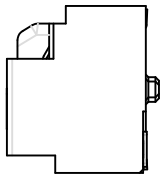
PRODUCT NO.	ITEM	PART NAME	Q'TY	MATERIAL	PLATING
119A-80A00-R02	1	BODY	1	LCP	
	2	CONTACT	52	PHOSPHOR BRONZE	GOLD 1u"
	3	HOLD DOWN	2	BRASS	TIN 100u"









1 DATE CODE: 0163 (YWWD)
Y: 0 YEAR(2010)
WW:16 WEEK(01~52)
D: 3 DAY(01~07)

Material
Plastic Body : LCP, Color Black.
Contact : Phosphor Bronze Alloy (C5191R-H)
Contacts Plating: Contact area: Gold Plated
Solder area: Tin
Hold Down : Brass(C2680R-H)
Hold Down Plating: Tin

Electrical:
Rating Current: 0.5A(Max.)/(1PIN)
Rating Voltage: 50V AC
Contact Resistance: 30 mΩ (Max)
Insulation Resistance: 500 MΩ (Min.)

Mechanical:
Contact Normal Force: 50 gf per pin (Min.)
Durability: 100 mating and unmating cycles

Environmental:
Operating Temperature: -40℃ to +90℃
Storage Temperature: -40℃ to +90℃
Solder ability: 260±5℃

PRODUCT NUMBER:
119A-80 A 0 0-R02
1 2 3 4

1.Stand off
80: 8.0mm

2.Contact plating
A:gold flash

3.Color
0:black

4.RoHS

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise: Date Code	2010/04/30			

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

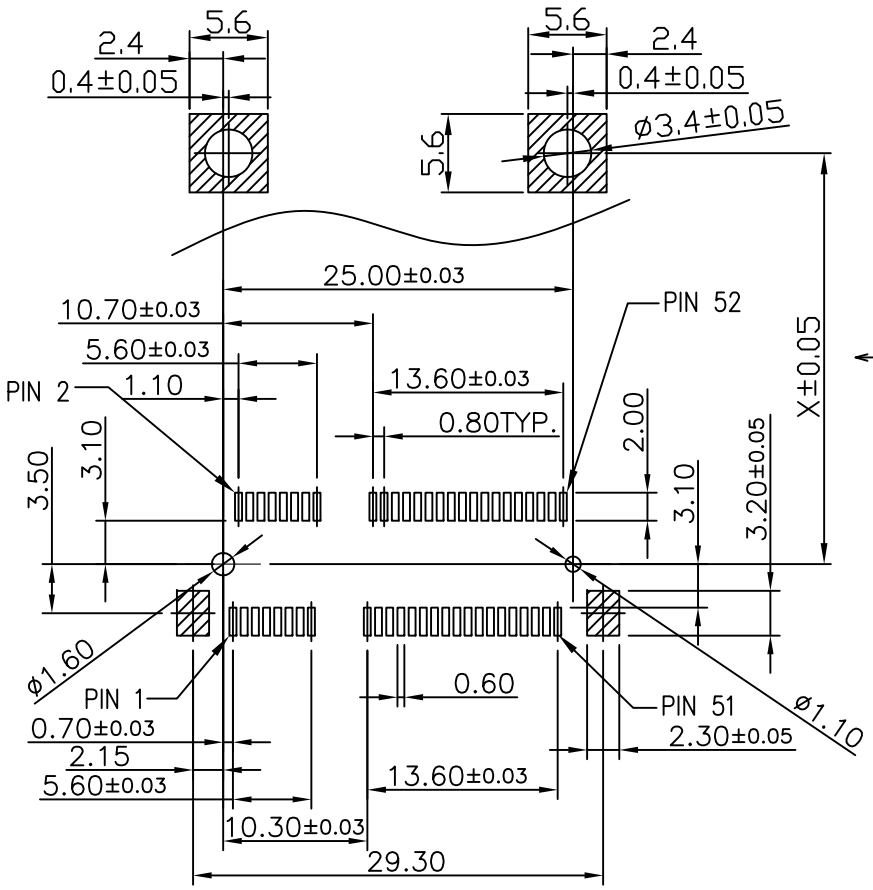
ATTEND
www.attend.com.tw

DRAWN NAME: Mini PCI Express Socket H:8.0mm

PRODUCT NO.	119A-80A00-R02
FILE NAME	119A-80A00-R02_B_4

SIZE A4 REV. 1.0

Downloaded from Arrow.com.



Recommended P.C.Board Layout.

Note:
Standard Card: X=48.05mm
(Card Length 50.95mm)

Short Card: X=23.90mm
(Card Length 26.65mm)

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise:				

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

ATTEND
www.attend.com.tw

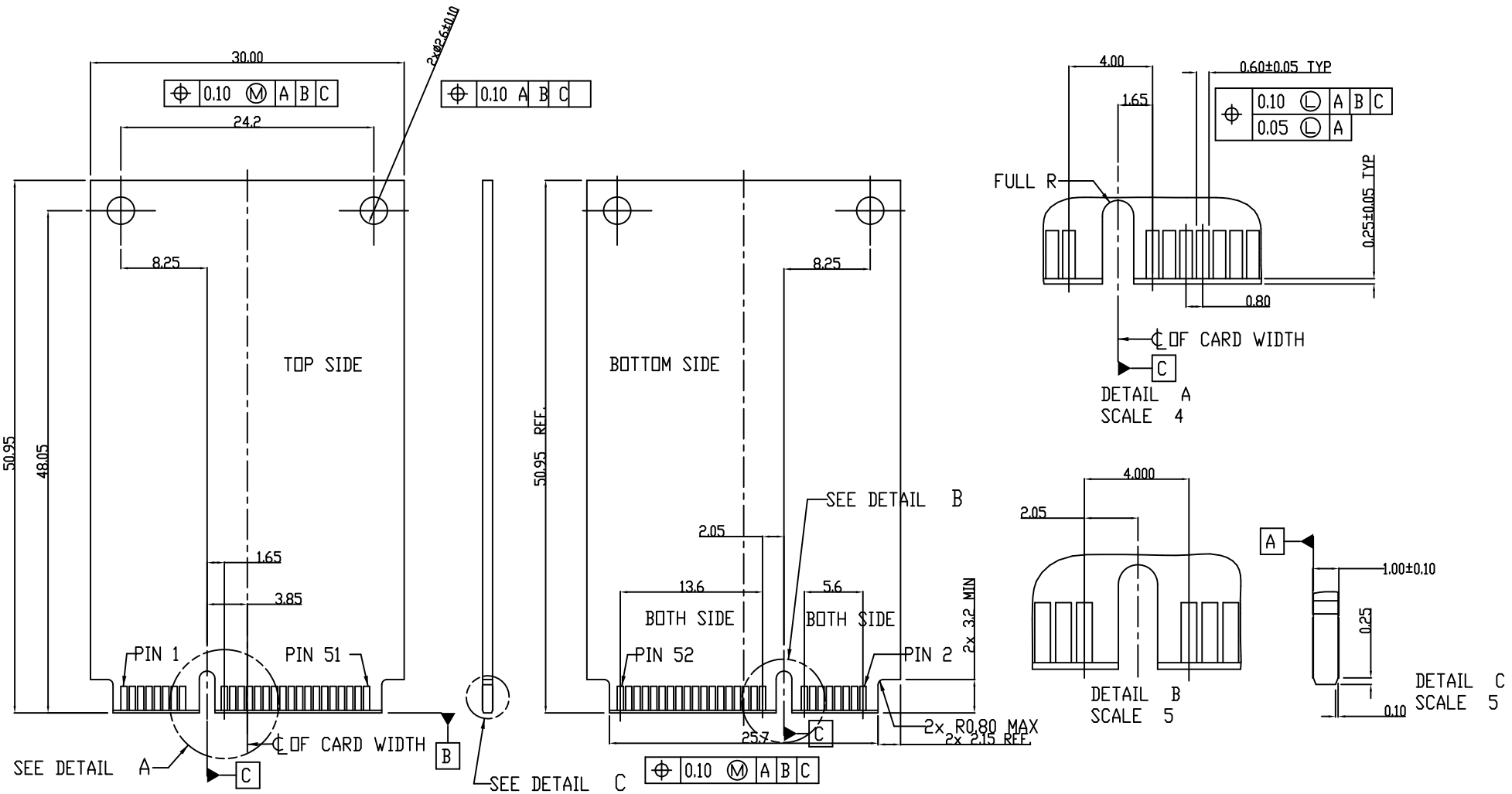
DRAWN NAME: Mini PCI Express Socket Layout

PRODUCT NO.

SIZE A4 REV. 1.0

FILE NAME

Downloaded from Arrow.com.



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise: Date Code	2010/04/30			

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

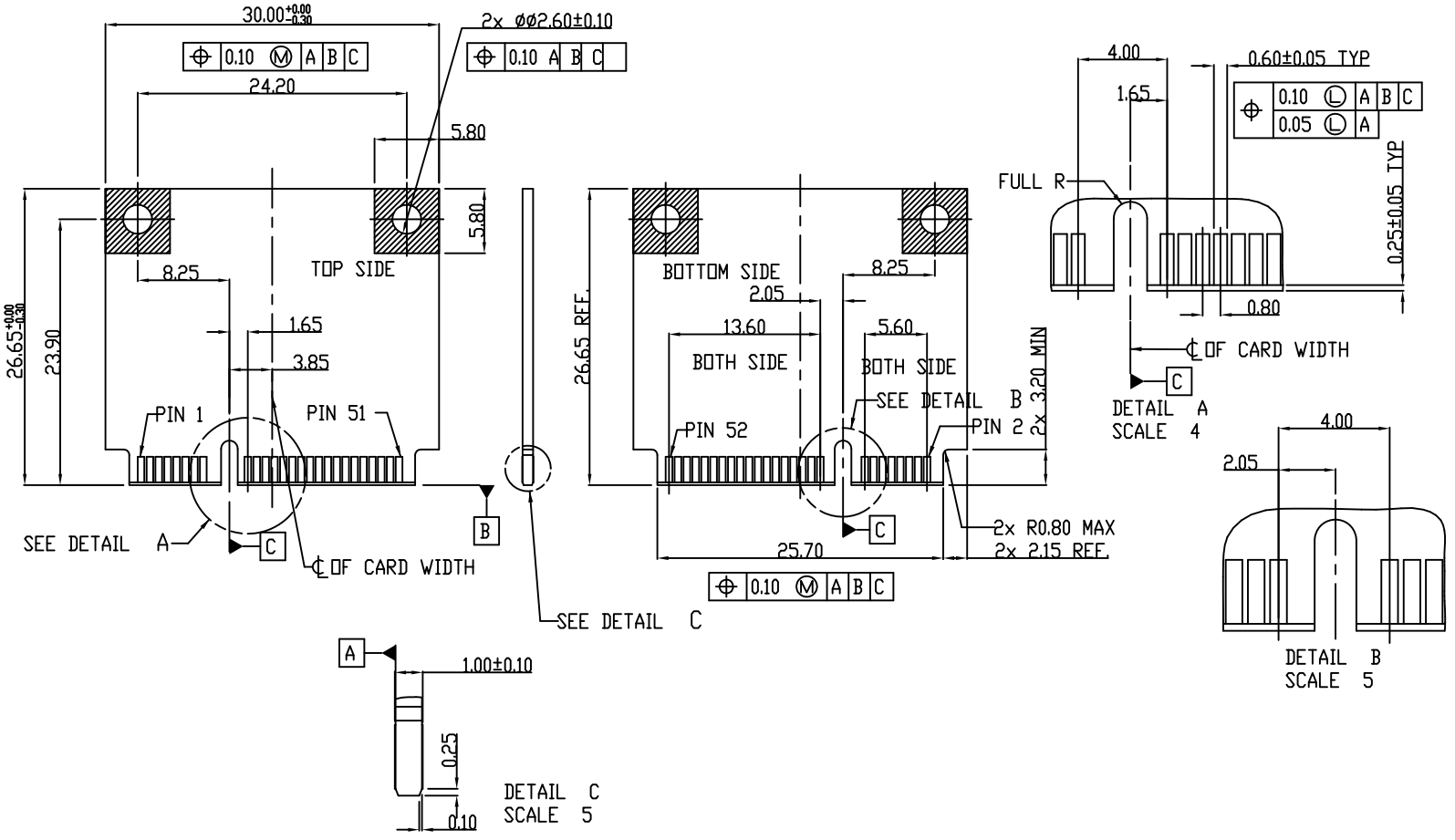
ATTEND
www.attend.com.tw

DRAWN NAME: Mini PCI Express Socket H:8.0mm

PRODUCT NO.	119A-80A00-R02
FILE NAME	119A-80A00-R02_B_4

SIZE A4 REV. 1.0

Downloaded from Arrow.com.



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise: Date Code	2010/04/30			

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

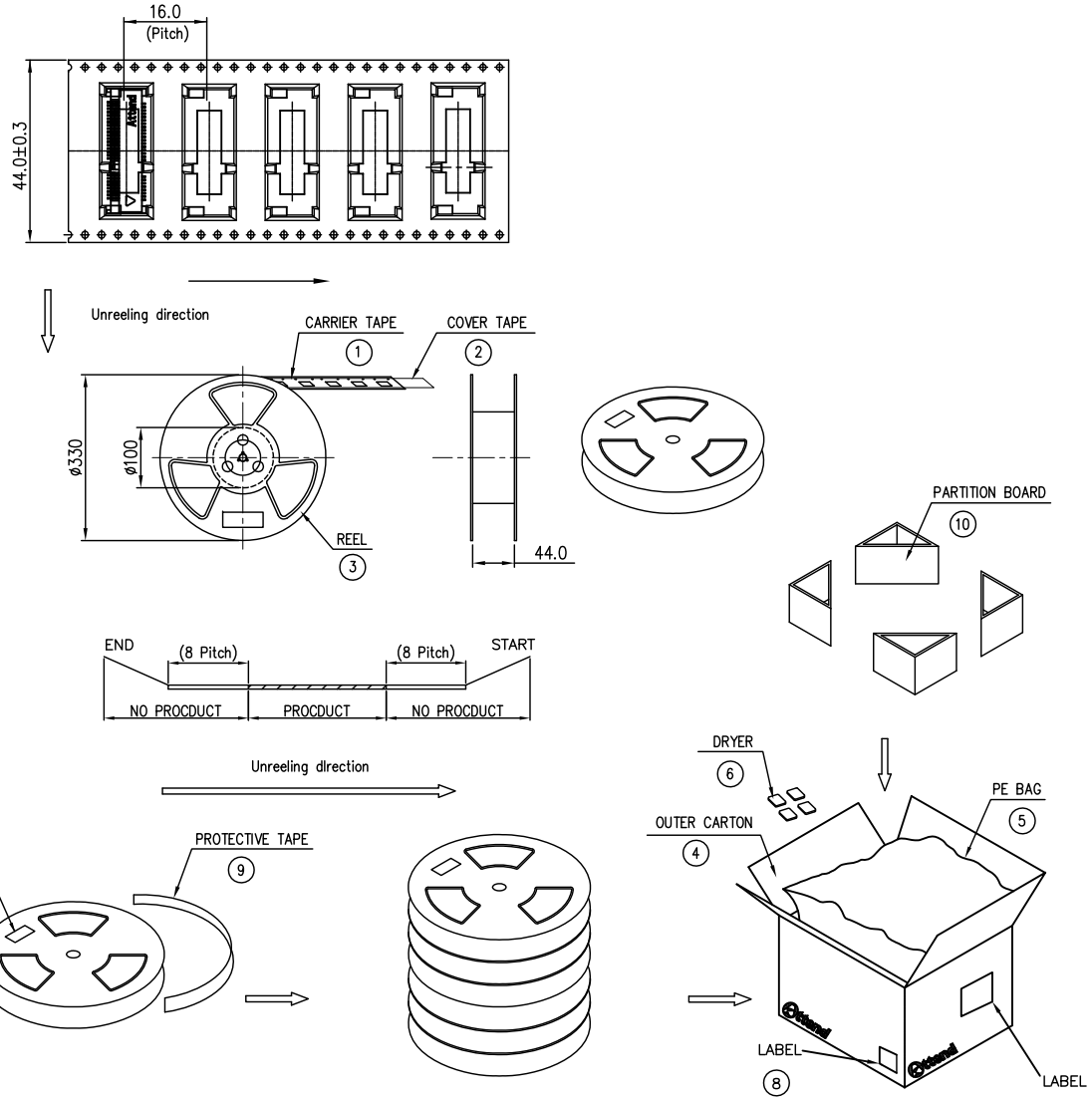
ATTEND
www.attend.com.tw

DRAWN NAME: Mini PCI Express Socket H:8.0mm

PRODUCT NO.	119A-80A00-R02
FILE NAME	119A-80A00-R02_B_4

SIZE A4 REV. 1.0

Downloaded from Arrow.com.



NOTES:

1. PACKING STYLE:

119A-40A00-R02
700 PCS/REEL
4200 PCS/OUTER CARTON

119A-56A00-R02
550 PCS/REEL
3300 PCS/OUTER CARTON

119A-80A00-R02
400 PCS/REEL
2400 PCS/OUTER CARTON

△1 △2

119A-92A00-R02
300 PCS/REEL
1800 PCS/OUTER CARTON

2. MATERIAL CARRIER TAPE: PS BLACK
COVER TAPE: PET FILM
REEL: PLASTIC

3. PEEL STRENGH OF COVER TAPE: 20-80g(PEEL SPEED 300mm/MINUTE).

NO	PACKING NAME	PCS/R	R/BOX	UNIT	NOTE
		PACKING QTY			
10	PARTITION BOARD	4		PCS	
9	PROTECTIVE TAPE	3		PCS	
8	LABEL	1		PCS	
7	LABEL	6		PCS	
6	DRYER	4		BAG	
5	PE BAG	1		PCS	L850*W750mm
4	OUTER CARTON	1		PCS	
3	REEL	6		SET	ø330*100mm,W=44mm
2	COVER TAPE	SEE NOTES	6	PCS	W=37.5mm
1	CARRIER TAPE				W=44mm,T=0.35mm

REV.	DESCRIPTION	DATE
△3	Revise:	
△2	Revise: NOTE 9.2H 300PCS/REEL	2010/04/30
△1	Revise: NOTE 9.2H 350PCS/REEL	2010/01/21

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

ATTEND
www.attend.com.tw

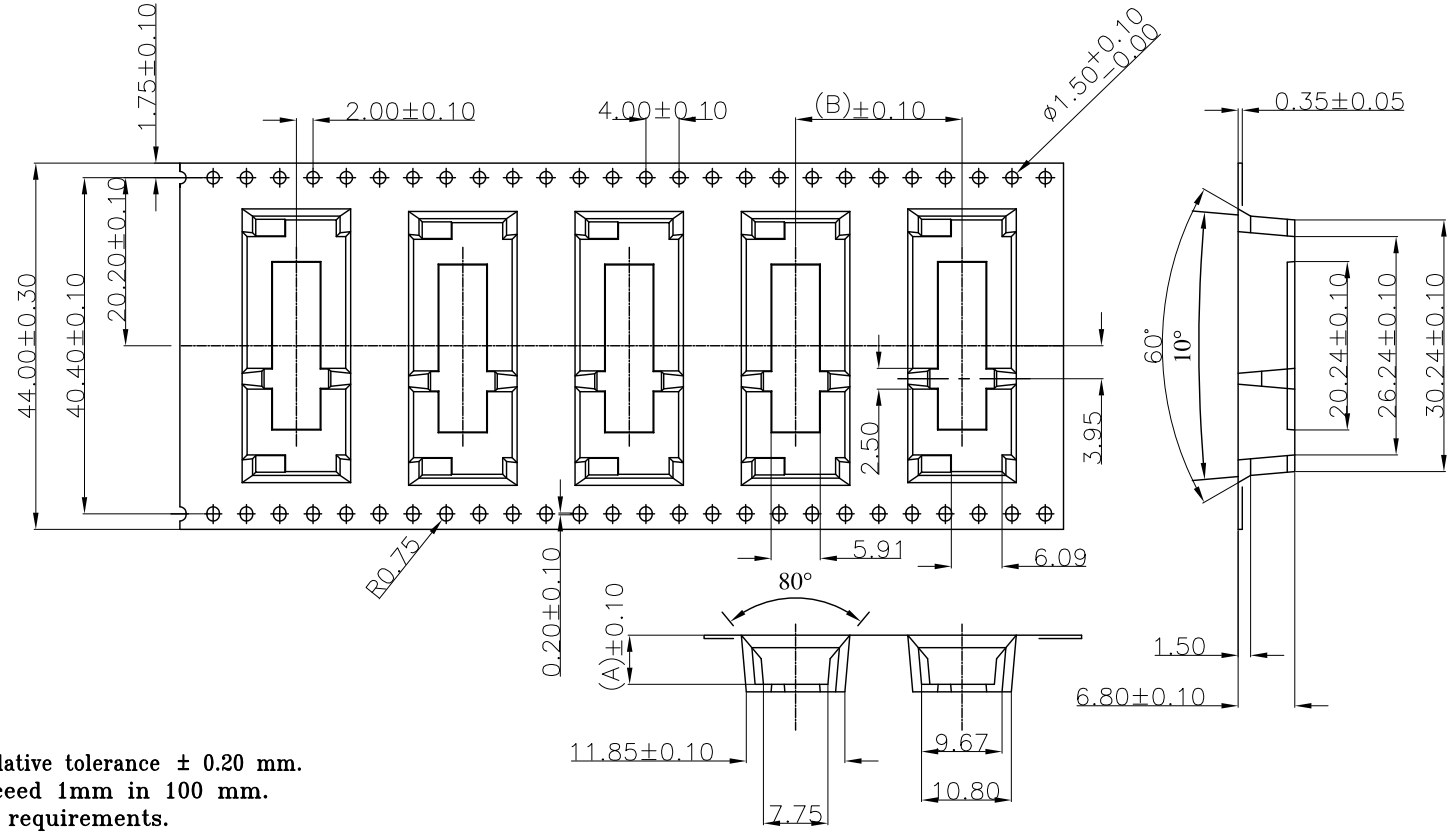
DRAWN NAME: Mini PCI Express Socket

PRODUCT NO. 119A-XXA00-R02

FILE NAME 119A-XXA00-R02_D_4

SIZE A4 REV. 1.0

Downloaded from Arrow.com.



NOTES:

1. 10 sprocket hole pitch cumulative tolerance ± 0.20 mm.
2. Carrier camber not to exceed 1mm in 100 mm.
3. All scope meet EIA-481-C requirements.
4. Material: Black Anti-static Polystyrene.
5. Thickness: 0.35 ± 0.05 mm.

DIM.	119A-40A00-R02	119A-52A00-R02	119A-56A00-R02	119A-80A00-R02	119A-92A00-R02
A	4.30	5.50	5.90	8.30	9.50
B	16.00	16.00	16.00	16.00	20.00

REV.	DESCRIPTION	DATE
3	Revise:	
2	Revise: NOTE 9.2H 300PCS/REEL	2010/04/30
1	Revise: NOTE 9.2H 350PCS/REEL	2010/01/21

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20

SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/08/03
CHECKED	Angel	2012/08/03
APPROVED	Ken	2012/08/03

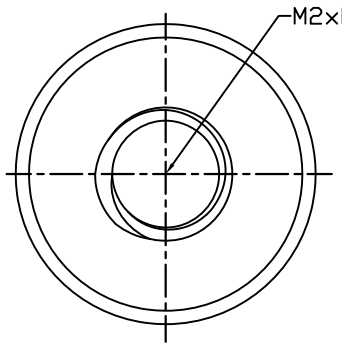
ATTEND
www.attend.com.tw

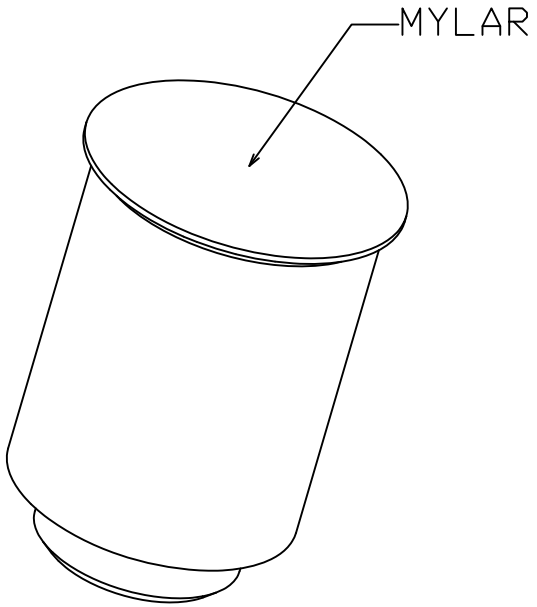
DRAWN NAME: Mini PCI Express Socket

PRODUCT NO.	119A-XXA00-R02
FILE NAME	119A-XXA00-R02_D_4

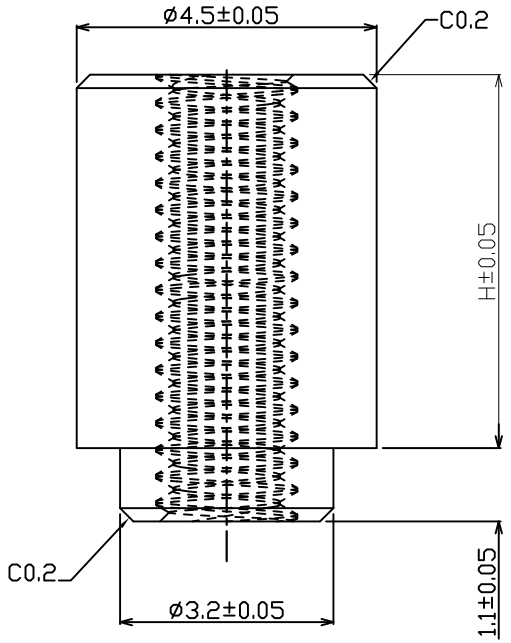
SIZE A4 REV. 1.0

Downloaded from Arrow.com.

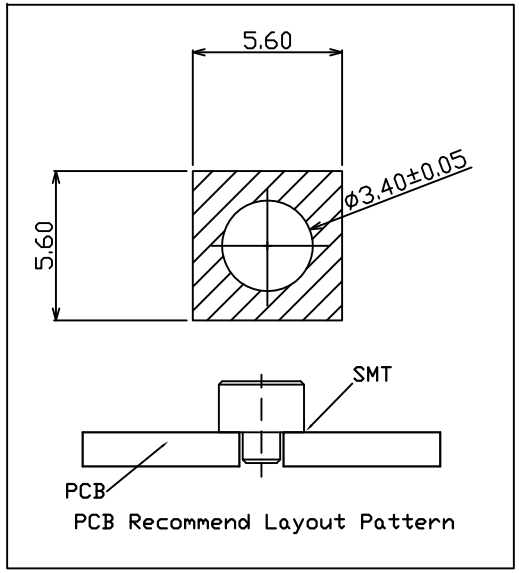




NOTE:
1.MATERIAL: Copper Alloy
2.Plating: Sn.



P/N	"H"±0.1	Mini PCI E P/N
119A-NUT-40-R02	1.6	119A-40A00-R02
119A-NUT-52-R02	2.8	119A-52A00-R02
119A-NUT-56-R02	3.2	119A-56A00-R02
119A-NUT-80-R02	5.6	119A-80A00-R02
119A-NUT-92-R02	6.8	119A-92A00-R02



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise:				

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2013/01/25
CHECKED	Angel	2013/01/25
APPROVED	Ken	2013/01/25

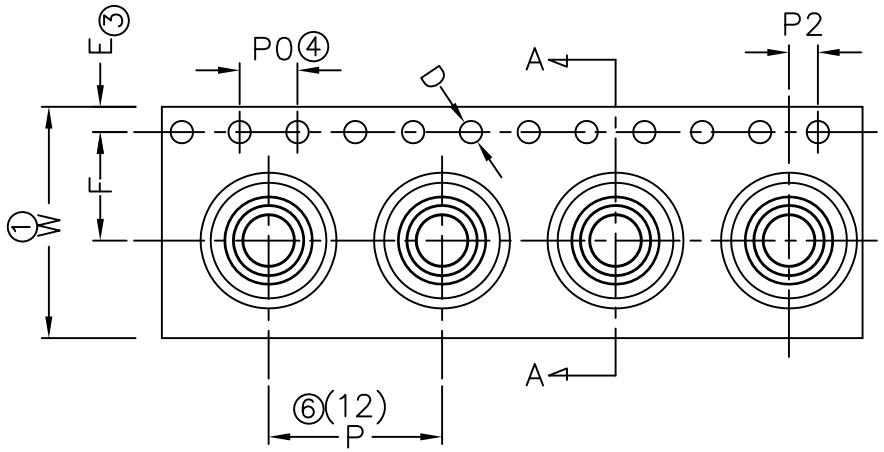
ATTEND
www.attend.com.tw

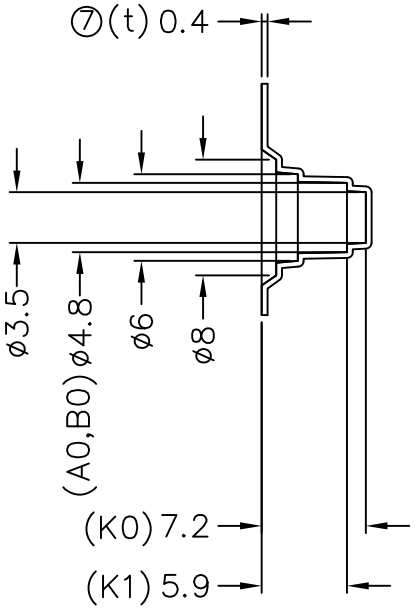
DRAWN NAME: Mini PCI Express Stand Off

PRODUCT NO.	119A-NUT-XX-R02
FILE NAME	119A-NUT-XX-R02_B_2

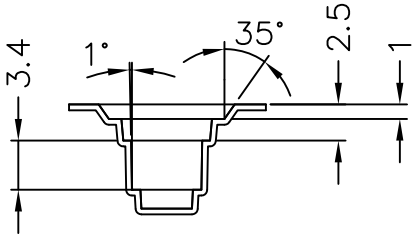
SIZE A4 REV. 1.0

Downloaded from Arrow.com.





SECTION A–A



1.Material: Black Anti-static Polystyrene ,T=0.4mm

2.Component loaded per 13"reel : 800 pcs. (Core 4")

ITEM	W	A_0	B_0	K_0	K_1	P	F	E	D	D_1	P_0	P_2
DIM	16.0 $^{+0.30}_{-0.30}$	4.80 $^{+0.20}_{-0.10}$	4.80 $^{+0.20}_{-0.10}$	7.20 $^{+0.20}_{-0.10}$	5.90 $^{+0.20}_{-0.10}$	12.0 $^{+0.10}_{-0.10}$	7.50 $^{+0.10}_{-0.10}$	1.75 $^{+0.10}_{-0.10}$	1.50 $^{+0.10}_{-0.00}$	0.00 $^{+0.25}_{-0.00}$	4.00 $^{+0.10}_{-0.10}$	2.00 $^{+0.10}_{-0.10}$

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise:				

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/12/10
CHECKED	Angel	2012/12/10
APPROVED	Ken	2012/12/10

ATTEND

www.attend.com.tw

DRAWN NAME: Mini PCI Express Stand Off

PRODUCT NO. 119A-NUT-80-R02

SIZE A4 REV. 1.0

FILE NAME 119A-NUT-80-R02_D_2

Downloaded from Arrow.com.