PCB DESIGN RULES

Cu PAD SIDE VIEW

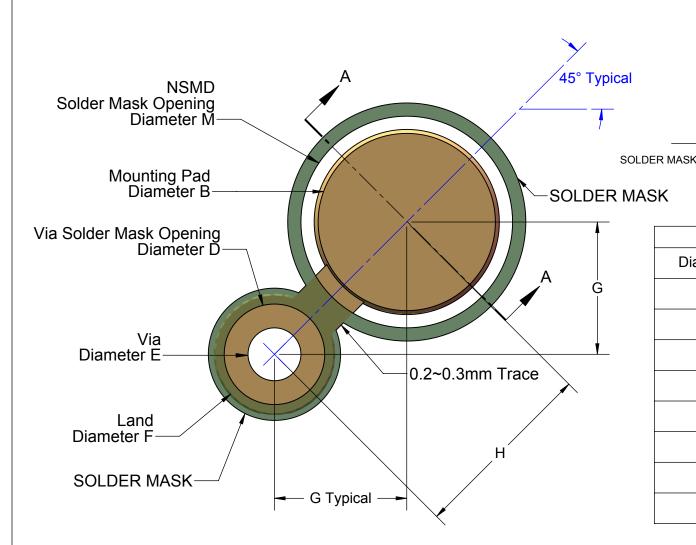
Mask Diameter M

Design Diameter B

Surface Diameter C -

Solderable surface

Section A-A



PCB PAD DIMENSIONS						
Diameter	1.27mm pitch	1.00mm pitch				
M	0.85mm	0.80mm				
В	0.75mm	0.70mm				
С	0.720mm	0.67mm				
D	0.483mm	0.38mm				
Е	0.305mm	0.20mm				
F	0.560mm	0.46mm				
G	0.635mm	0.50mm				
Н	0.898mm	0.707mm				

NOTES:

- 1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.
 2. SOLDERABLE SURFACE "C" IS THE FUNCTIONAL SURFACE OF Cu PAD.
- 3. DIMENSION "B" IS THE DESIGN DIMENSION OF Cu PAD.
 4. PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.



70:1 Α 160030 Α SHEET 1 OF 3 DO NOT SCALE DRAWING

CCGA PITCH 1.0MM Cu PAD SIDE VIEW MASK **Ø**0.80 45° Typical Design Ø0.70 **NSMD** Solder Mask Opening Ø0.80 \emptyset 0.67 -SOLDER MASK Solderable surface Cu Pad Design Ø0.70 SOLDER MASK Section A-A Via Solder Mask Opening Ø 0.38 0.50 Via Ø 0.20 0.2mm Trace Cu Pad Design Ø 0.46 0.707 SOLDER MASK 0.50 TYP

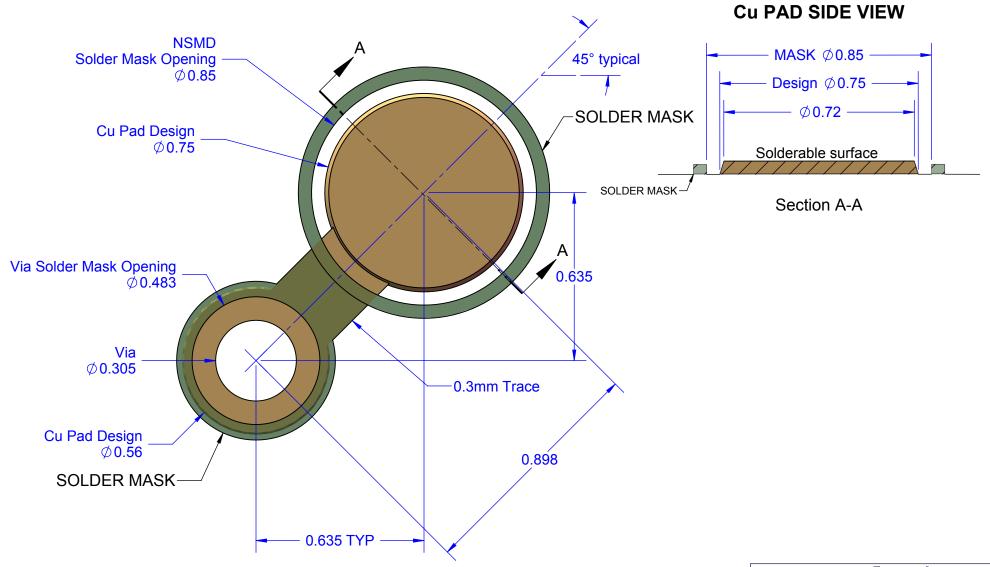
PCB PAD DESIGN RULES

NOTES:

- 1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.
- 2. SOLDERABLE SURFACE ϕ 0.67 IS THE FUNCTIONAL SURFACE OF Cu PAD.
- 3. \emptyset 0.70 IS THE DESIGN DIMENSION OF Cu PAD.
- 4. PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE.
 DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.

<u>TopLine</u> ®							
CCGA PCB DESIGN RULES PITCH 1.00mm and 1.27mm							
SCALE	SIZE	DRAWING NO.		REV			
70:1	Α	16003	30	Α			
DO NOT SCALE DRAWING			SHEET	2 OF 3			

PCB PAD DESIGN RULES CCGA PITCH 1.27MM



NOTES:

- 1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.
- 2. SOLDERABLE SURFACE ϕ 0.72 IS THE FUNCTIONAL SURFACE OF Cu PAD. 3. ϕ 0.75 IS THE DESIGN DIMENSION OF Cu PAD.
- 4. PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.



CCGA PCB DESIGN RULES PITCH 1.00mm and 1.27mm

SCALE	SIZE	DRAWING NO.	REV
70:1	Α	160030	Α

DO NOT SCALE DRAWING

SHEET 3 OF 3