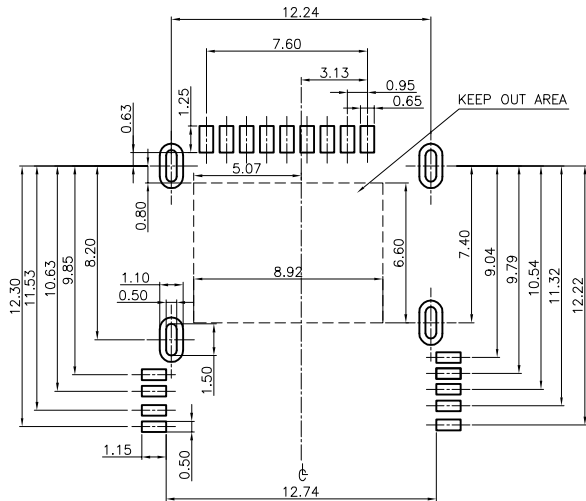


PIN DEFINE:

PIN#	NAME	DESCRIPTION	PIN#	NAME	DESCRIPTION
1	DAT2	DATA LINE BIT2	11	SWIO	SINGLE WIRE PROTOCOL INTERFACE
2	CD/DAT3	CARD DETECT/DATA LINE BIT3	12	VSS2	SUPPLY VOLTAGE GROUND
3	CMD	COMMAND/RESPONSE	13	D0+	DIFFERENTIAL DATE 0+
4	VDD1	SUPPLY VOLTAGE	14	D0-	DIFFERENTIAL DATE 0-
5	CLK	CLOCK	15	VSS3	SUPPLY VOLTAGE GROUND
6	CD	CARD DETECT	16	D1+	DIFFERENTIAL DATE 1+
7	VSS1	SUPPLY VOLTAGE GROUND	17	D1-	DIFFERENTIAL DATE 1-
8	DAT0	DATA LINE BIT0	18	VSS4	SUPPLY VOLTAGE GROUND
9	DAT1	DATA LINE BIT1	CARD DETECT P6 P7 P6 P7 CARD OUT CARD INSERT		
10	VDD2	SUPPLY VOLTAGE(1.8V)			



RECOMMENDER PCB LAYOUT
 TOLERANCE UNLESS OTHERWISE IS ±0.05

SPECIFICATION
 MATERIAL

Insulator: Thermal Plastic, Rated UL94V-0
 Contacts: Phosphor Copper
 Shell: Stainless steel

CONTACT PLATING

Underplate: 50u"~100u" Nickel
 Contact area: Gold Flash
 Solder tails area: 100u"~200u" Tin

ELECTRICAL

Operation voltage: 10V
 Current rating: 0.5A min.
 Contact resistancr: 100Mohms
 Insulation resistance: 1000Mohms
 Dielectric withstanding voltage: 500V AC/Minute
 Operating temperature range: -25°C to +85°C
 Mating cycles: 10,000 insertions (NON UHS-II)
 5,000 insertions (UHS-II)

PART NO.:

460 D H 18 P S T S1 N O C 3
 1 2 3 4 5 6 7 8 9 10 11 12

- SERIES NO.
460=microSD Connector
- TYPE:
D=SMT
- GREEN OPTION:
H=RoHS+HF(Matte)
- CONTACT NUMBER:
18=18Pin
- CONTACT TYPE:
P=Non Distribution
- CONTACT AREA PLATING:
S=GOLD Flash (Selective)
- SOLDER TAILS AREA PLATING:
T=100u" Tin
- APPLY TYPE:
S1=Micro SD 4.0
- SHELL PLATING:
N=Nickel
- FILL IT WITH "0":
10.Fill IT With "0"
- Packing Type:
C=Tape&Reel
- INSULATOR COLOR:
3=Black

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
0.	±0.50
.0	±0.30
.00	±0.20

SCALE:	AS SHOWN	UNIT:	mm
DRAWN	PEARL	DATE	09/21/2015
CHECKED	/ /		
APPROVED	/ /		



CHANT SINCERE CO.,LTD
 TEL:886-02-86471251 FAX:886-02-86472962
 DRAWN NAME:
 MicroSD CARD CONN.(For UHS-II)
 (PDR-15012)
 PRODUCT NO. 460DH18PSTS1NOC3
 FILE NAME: C-460DH18PSTS1NOC3(J03)

REV.	DESCRIPTION	DATE	SIZE	REV.
1			A4	A