Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

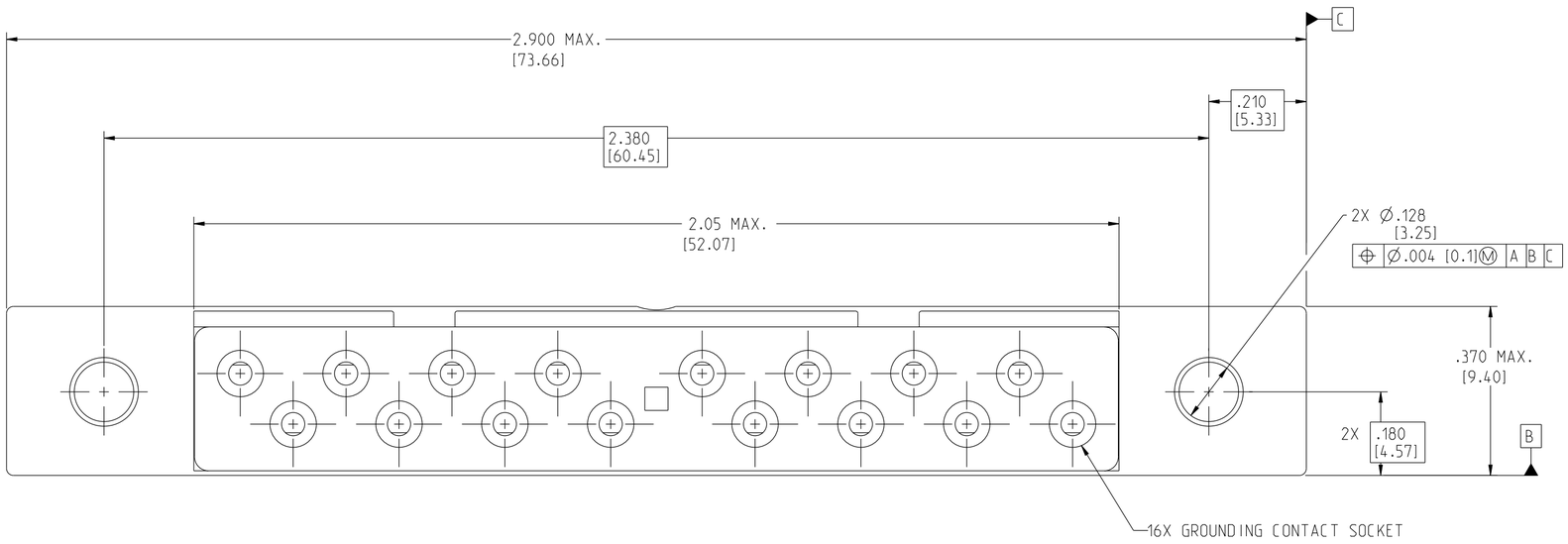
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

DWG. NO.
SE95205



NOTES: UNLESS OTHERWISE SPECIFIED.

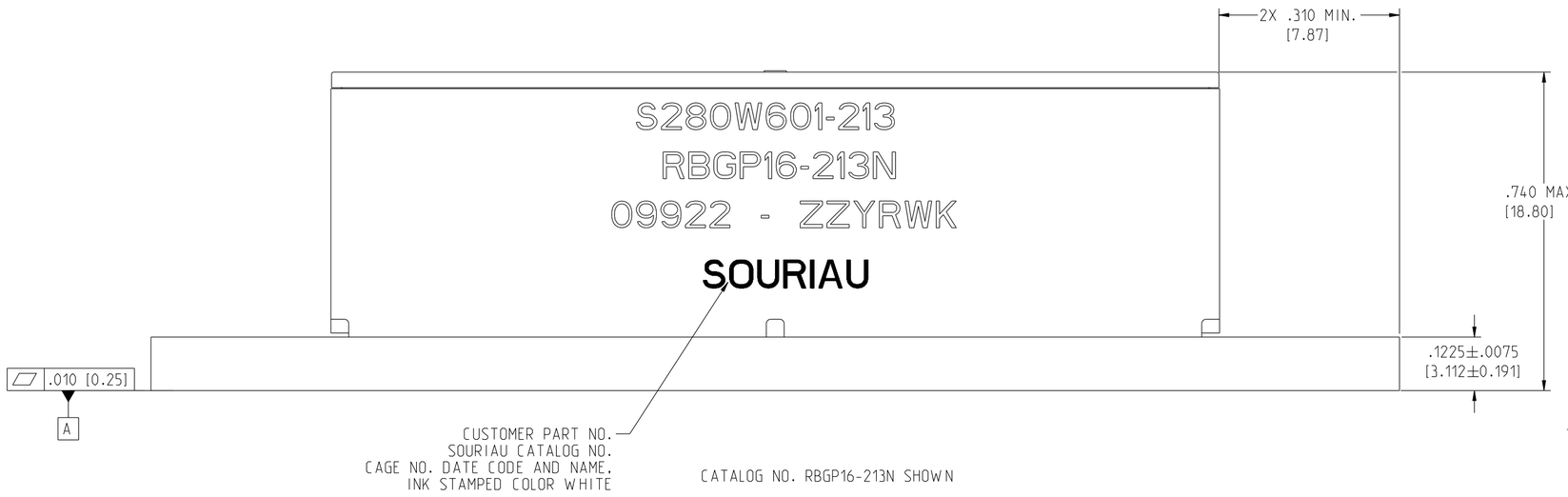
1. GROUND BLOCK ACCOMMODATES PIN CONTACTS PER MIL-C-39029/1-101. WITH A WIRE RANGE OF 24-22-20 AWG. USE INSERTION/REMOVAL TOOL PER MIL-1-81969/14C-11.

MATERIAL:

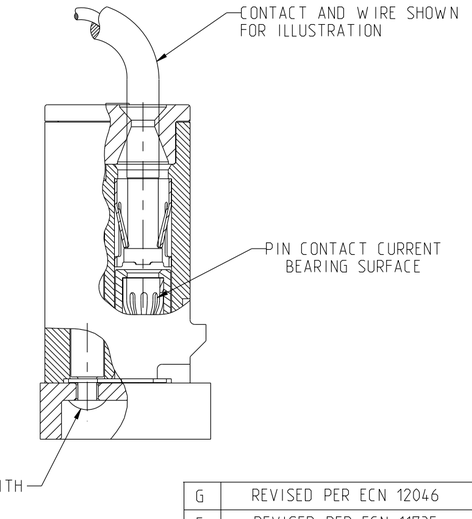
STRAIN RELIEF GROMMET:	SILICONE RUBBER. COLOR RED.
GROMMET BONDING:	EPOXY.
GROUNDING MODULE BODY:	GLASS FORTIFIED THERMOPLASTIC UL94V-0. COLOR BLUE.
GROUNDING PLATE:	ALUMINUM ALLOY PER QQ-A-200.
GROUNDING RIVETS:	ALUMINUM ALLOY.
GROUNDING SOCKET CONTACTS:	BERYLLIUM COPPER.
CONTACT RETENTION CLIPS:	BERYLLIUM COPPER.
SOCKET CONTACT SLEEVES:	GLASS FORTIFIED THERMOPLASTIC UL94V-0. COLOR NATURAL OR LIQUID CRYSTAL POLYMER.
PROTECTIVE COATING:	POLYURETHANE. COLOR OPTIONAL.

FINISH:

GROUNDING PLATE:	SEE TABLE ON SHEET 2.
GROUNDING SOCKET CONTACTS:	50 MICROINCHES [1.27 MICRONS] MIN. NICKEL ALL OVER. PIN CONTACT CURRENT BEARING SURFACE OVER-PLATED WITH 50 MICROINCHES [1.27 MICRONS] MIN. HARD GOLD.
ESTIMATED CONNECTOR WEIGHT:	15 GRAMS (.53 OZ)



CATALOG NO. RBGP16-213N SHOWN



REV	DESCRIPTION	BY DATE	CHKD DATE
G	REVISED PER ECN 12046	RSK 08-22-13	SDH 08-22-13
F	REVISED PER ECN 11735	RSK 06-04-12	SDH 06-04-12
E	REVISED PER ECN 8357	SDH 06-28-04	SDH 06-28-04
D	REVISED PER ECN 7622	JRD 09-23-02	SDH 09-23-02
C	REVISED PER ECN 7500	JRD 08-28-02	SDH 08-28-02
B	REVISED PER ECN 7234	JRD 07-10-02	SDH 07-10-02

LINEAR MEASURE: INCH [mm]
THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0.5]
THREE PLACES	±.010 [±0.25]
ANGLES±1°	

DRAWING TITLE
GROUND BLOCK, RACK AND PANEL MOUNTING

CAT NO.
RBGP16-213_ (SEE TABLE)

CAGE NO: 09922 | SIZE: C

CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.

SOURIAU
www.souriau.com

APPROVAL		
DRAWN:	RSK	05-18-12
CHKD :	SDH	05-18-12
DSGN :	FDH	03-01-93
MFG :	DH	05-18-12
QC :	BB	05-18-12

DRAWING SCALE: 4:1

DRAWING NO.	REV
SE95205	G

1 OF 2

PRO-E

PERFORMANCE CHARACTERISTICS

MECHANICAL:

MAGNETIC PERMEABILITY:	ALL MATERIALS DO NOT EXHIBIT A RELATIVE MAGNETIC PERMEABILITY OF GREATER THAN 2 IN ACCORDANCE WITH MIL-STD-1344, METHOD 3006.
MAINTENANCE AGING:	IN ACCORDANCE WITH MIL-STD-1344. METHOD 2002
CONTACT INSERTION FORCE:	10 LBS [44.4N] MAX. IN ACCORDANCE WITH MIL-STD-1344, METHOD 2002.
CONTACT SEPARATION FORCE:	2.0 OZ [0.56N] MIN. IN ACCORDANCE WITH S280W601, PARA. 4.6.17.
CONTACT RETENTION:	20 LBS [88.9N] MIN. IN ACCORDANCE WITH MIL-STD-1344, METHOD 2007. AXIAL DISPLACEMENT DOES NOT EXCEED .012 [0.30]
PROBE DAMAGE:	IN ACCORDANCE WITH S280W601, PARA. 4.6.12.
INTERNAL CONTACT DURABILITY:	100 CYCLES OF MATING AND UNMATING TO DEPTH OF MECHANICAL AND ELECTRICAL ENGAGEMENT IN ACCORDANCE WITH S280W601, PARA. 4.6.13.
OVERSIZE PIN CONTACT PROTECTION:	GROUND BLOCK DESIGNED TO PREVENT ENTRANCE OF AN OVERSIZE TEST PIN OF Ø.077 [1.78] IN ACCORDANCE WITH S280W601. PARA. 4.6.15.
CONTACT WALKOUT:	IN ACCORDANCE WITH S280W601, PARA. 4.6.16.

ENVIRONMENTAL:

SALT SPRAY:	48 HOURS IN ACCORDANCE WITH MIL-STD-1344, METHOD 1001, TEST CONDITION B.
VIBRATION (RANDOM):	IN ACCORDANCE WITH MIL-STD-1344, METHOD 2005, TEST CONDITION V. LETTER E.
MECHANICAL (IMPACT) SHOCK:	IN ACCORDANCE WITH MIL-STD-1344, METHOD 2004, TEST CONDITION A.
THERMAL SHOCK:	IN ACCORDANCE WITH MIL-STD-1344, METHOD 1003, TEST CONDITION A, EXCEPT STEPS 2 AND 4 ARE 2 MINUTES MAX. DURATION, TEMPERATURE EXTREMES FOR STEPS 1 AND 3 ARE -65°C +0°/-5°C TO +125°C +5°/-0°C [-85°F +0°/-9°F TO +257°F +9°/-0°F).
TEMPERATURE LIFE:	125°C +5°/0°C [257°F +9°/0°F] FOR 1000 HOURS IN ACCORDANCE WITH S280W601, PARA. 4.6.10.

ELECTRICAL:

CONTACT RESISTANCE:	IN ACCORDANCE WITH MIL-STD-1344, METHOD 3004. SIZE 16-20: 45 MILLIVOLTS MAX. AT 7.5 AMPS WITH 20 AWG SILVER PLATED WIRE.
LOW LEVEL CONTACT RESISTANCE:	IN ACCORDANCE WITH MIL-STD-1344. METHOD 3002 SIZE 16-20: .009 OHMS MAX. WITH 20 AWG SILVER PLATED WIRE.
VOLTAGE STABILITY:	4 MILLIVOLT MAX. DIFFERENCE BETWEEN RECORDED HIGHEST AND LOWEST POTENTIAL DROP VALUES IN ACCORDANCE WITH S280W601, PARA. 4.6.14.

CATALOG NO. DESCRIPTION TABLE

CATALOG NO.	CUSTOMER PART NO.	GROUDING PLATE FINISH
RBGP16-213	-	CHROMATE CONVERSION COATED PER MIL-C-81706, CLASS 3, METHOD C, COLOR GOLD (REF: ALODINE 1200)
RBGP16-213N	S280W601-213	NICKEL PLATED PER MIL-C-26074, CLASS 3, GRADE B (500 MICROINCHES [12.7MICRONS] MIN.)

LINEAR MEASURE: INCH (mm)

THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0.5]
THREE PLACES	±.010 [±0.25]
ANGLES	±1°

DRAWING TITLE
GROUND BLOCK, RACK AND PANEL MOUNTING

CAT NO.
RBGP16-213_ (SEE TABLE)

CAGE NO: 09922 | SIZE: C

CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.

SOURIAU
www.souriau.com

APPROVAL		
DRAWN:	RSK	05-18-12
CHKD :	SDH	05-18-12
DSGN :	FDH	03-01-93
MFG :	DH	05-18-12
QC :	BB	05-18-12

DRAWING SCALE: 4:1

DRAWING NO.	REV
SE95205	G

2 OF 2

PRO-E