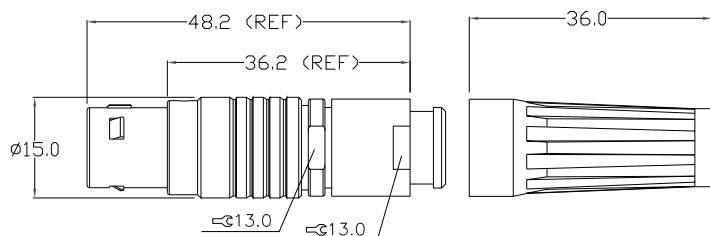
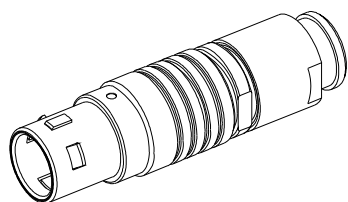


DESCRIPTION: 2B // QUIK-LOQ // M // CABLE MOUNT // SOLDER CUP



822BYYY-173LYY1

SERIES _____
 POSITIONS _____
 YYY = SEE POSITION CHART
 GENDER _____
 1 = MALE
 TYPE _____
 7 = CABLE MOUNT
 KEY ORIENTATION (SEE KEY ORIENTATION CHART) _____
 3 = 1 KEY // 0°
 A = 2 KEYS // 30°
 COLLET SIZE _____
 YY = SEE COLLET SIZE CHART
 CONTACT PLATING _____
 1 = 7μ" GOLD PLATED

KEY ORIENTATION CHART	
KEY ORIENTATION	DIAGRAM
3	
A	

COLLET SIZE CHART	
COLLET SIZE:	WIRE DIAMETER:
50	4.30 ~ 5.20
60	5.30 ~ 6.20
70	6.30 ~ 7.20
80	7.30 ~ 8.20
90	8.30 ~ 9.20
00	9.30 ~ 10.20

SPECIFICATIONS:

MATERIALS:

SHELL & COLLET NUT: BRASS, 196u" CHROME PLATED MIN.
 CONTACTS: 7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN.
 INSULATOR: PPS (HIGH TEMPERATURE)
 STRAIN RELIEF (BOOT): THERMOPLASTIC POLYURETHANE

MECHANICAL:

MATING CYCLES: 5000 CYCLES
 OPERATING TEMPERATURE: -40°C TO +200°C
 PROCESS TEMPERATURE: 260°C FOR 5 SECONDS
 SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz
 IP RATING: 50
 MAX TORQUE VALUE: 2.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS

*solder side view of insulator

POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
002		2.00mm	3.0 mΩ	700 V	12.0 A	16
003		1.60mm	4.0 mΩ	800 V	12.0 A	18
004		1.30mm	5.0 mΩ	610 V	12.0 A	20
006		1.30mm	5.0 mΩ	450 V	12.0 A	20
008		0.90mm	6.0 mΩ	500 V	6.0 A	22
010		0.90mm	6.0 mΩ	500 V	6.0 A	22
012		0.70mm	7.5 mΩ	480 V	6.0 A	24
014		0.70mm	7.5 mΩ	380 V	6.0 A	24
016		0.70mm	7.5 mΩ	315 V	6.0 A	24
019		0.70mm	7.5 mΩ	315 V	5.0 A	24
026		0.50mm	10.0 mΩ	315 V	2.0 A	28

UNITS = mm

DO NOT SCALE FROM DRAWING



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DRAWN: M. SIGMON

DATE: 02/03/2016

NorComp

SCALE: NTS

SHEET 1 OF 1

REV 8

DWG NO.

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