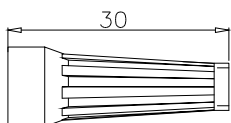
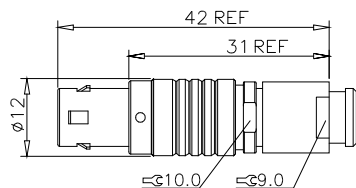
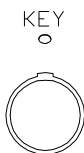
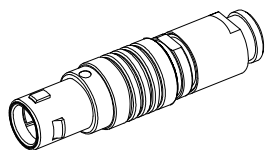


DESCRIPTION: 1B // QUIK-LOQ // M // CABLE MOUNT // SOLDER CUP



COLLET SIZE CHART	
COLLET SIZE:	CABLE DIAMETER:
40	3.30 ~ 4.20
50	4.30 ~ 5.20
60	5.30 ~ 6.20
70	6.30 ~ 7.20

821BYYY-173LYY1

SERIES _____
POSITIONS _____
YYY = SEE POSITION CHART
GENDER _____
1 = MALE
TYPE _____
7 = CABLE MOUNT
SHELL PLATING _____
3 = NICKEL/CHROME
COLLET SIZE* _____
40
50
60
70
*SEE "COLLET SIZE CHART"
CONTACT PLATING _____
1 = GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING: NICKEL PLATED BRASS
SHELL & COLLET NUT: CHROME PLATED BRASS
CONTACTS: GOLD PLATED BRASS
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: 1.2 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		1.30mm	5.0 mΩ	500 V	15.0 A	20
003		1.30mm	5.0 mΩ	430 V	12.0 A	20
004		0.90mm	6.0 mΩ	430 V	10.0 A	22
005		0.90mm	6.0 mΩ	415 V	9.0 A	22
006		0.70mm	7.5 mΩ	350 V	7.0 A	24
007		0.70mm	7.5 mΩ	315 V	7.0 A	24
008		0.70mm	7.5 mΩ	315 V	5.0 A	28
010		0.50mm	10.0 mΩ	300 V	2.5 A	28
014		0.50mm	10.0 mΩ	260 V	2.0 A	28
016		0.50mm	10.0 mΩ	260 V	1.5 A	28

RoHS COMPLIANT



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:
M. SIGMON

DATE:
02/03/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:
NTS

SHEET OF
1 1

REV
12

DWG NO.

821BYYY-173LYY1