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RELEASED FOR PUBLICATION

2015

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	NC	NEW RELEASE PER E.O. PI9718	21FEB2008	-	RDR
	A	REVISED PER ECO-15-001798	19MAR2015	VNB	DM
	AI	REVISED PER PCN E-20-000705	27JAN2020	PK	DM

Ø 1.750 ± .010
[44.45 ± 0.25]

MAIN POLARIZING KEYWAY

1.625
[41.28]

DEUTSCH PD

(1.852)
[47.04]

(1.615)
[41.02]

1.030
[26.16]

.505
[12.83]

(.100)
[2.54]

Ø 1.329
[33.76]

Ø 1.220
[30.99]

RECEPTACLE SHELL

1.500-18 UNEF REF

HD34-18-6SX 19M0517

2 1

3 4

6 5

SWAGE RING

GROMMET

CONTACT INSERTION VIEW OF CONNECTOR

1.442^{+.010}_{-.000}
[36.63^{+.025}_{-0.00}]

Ø 1.507 ± .005
[38.28 ± 0.12]

RECOMMENDED PANEL MOUNTING HOLE

8

DATE CODE: IDENTIFIES THE YEAR, MONTH, DAY AND HOUR OF ASSEMBLY.
YEAR: FIRST AND SECOND DIGITS. (14=2014)
MONTH: THIRD DIGIT, EXCLUDING 1. A=JAN., B=FEB., C=MARCH... (K=OCT.)
DAY: FOURTH AND FIFTH DIGITS (14=14th DAY)
HOUR: SIXTH AND SEVENTH DIGITS (11=11AM)

7

MATERIAL:
RECEPTACLE HOUSING: 6061-T6 ALUMINIUM ALLOY
SWAGE RING: PA 15%GF (GREEN FOR N-SEAL, BLUE FOR E-SEAL)
GROMMET: SILICONE VMQ (RED)

5

WHEN X = N: NORMAL SEAL WHEN X = E: REDUCED DIAMETER E-SEAL.

4. THIS PART MATES WITH PART NO. HD36-18-6PX-XXXX.
XXXX= ALL MODIFICATIONS, X= TYPE OF SEAL.

3. RECOMMENDED PANEL THICKNESS: .062 [1.58] TO .1875 [4.76].

2. THIS CONNECTOR WILL ACCOMODATE THE FOLLOWING WIRE INSULATION DIAMETERS:

5 SEAL TYPE	CONTACT SIZE	MIN INSULATION O.D.	MAX INSULATION O.D.	6 WIRE GAUGE AWG [mm²] RANGE
N	16	.100 [2.54]	.134 [3.40]	14-20 [2.0-0.5mm²]
E	16	.053 [1.35]	.120 [3.05]	14-20 [2.0-0.5mm²]
N or E	4	.261 [6.63]	.292 [7.42]	6 [13mm²]

1. CONSULT FACTORY FOR ELECTRICAL AND MATERIAL SPECIFICATIONS.

NOTES:

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-.010 [±.254]

4 PLC ±-

ANGLES ±0° 30' 0"

MATERIAL 7

FINISH -

DWN I. GRANTCHAROVA 02JAN2008

CHK B. BAYFORD 18FEB2008

APVD S. BEARD 14FEB2008

PRODUCT SPEC 108-151014

APPLICATION SPEC 114-151014

WEIGHT 50g

Customer Drawing

TE Connectivity

NAME RECEPTACLE CONNECTOR
18-6 ARR.
BAYONET COUPLING

SIZE A3

CAGE CODE -

DRAWING NO. © HD34-18-6SX

RESTRICTED TO -

SCALE NONE

SHEET 1 OF 1

REV AI

1470-19 (3/11)