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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
-	-	NC	NEW RELEASE PER E.O. PI7330	02AUG2001	-	RDR
-	-	A	REVISED PER E.O. PI9718	21FEB2001	-	RDR
-	-	AI	REVISED PER ECO-15-001798	19MAR2015	VNB	DM

Technical drawing of a receptacle connector showing front, side, and contact insertion views with dimensions and callouts.

Dimensions (Inches [mm]):

- Main Polarizing Keyway:  $\varnothing 1.750 \pm .010$  [44.45 ± .25]
- Overall Length: 1.852 [47.04]
- Length to Contact: 1.615 [41.02]
- Length to Shell: 1.030 [26.16]
- Shell Thickness: .100 [2.54]
- Wire Length: .505 [12.83]
- Shell ID:  $\varnothing 1.329$  [33.76]
- Shell ID (Contact Area):  $(\varnothing 1.220)$  [30.99]
- Panel Mounting Hole ID:  $\varnothing 1.507 \pm .005$  [38.28 ± .12]
- Panel Mounting Hole Height:  $1.442^{+.010}_{-.000}$  [36.63<sup>+.25</sup><sub>-.00</sub>]

Callouts:

- MAIN POLARIZING KEYWAY
- SWAGE RING (7)
- GROMMET (7)
- RECEPTACLE SHELL (7)
- CONTACT INSERTION VIEW OF CONNECTOR
- 1.500-18 UNEF REF

6. FOR CONTACTS AND WIRES PERFORMANCE AND APPLICATION CHARACTERISTICS SEE ENVELOPE DWG. 0425-015-0000.

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

4. THIS RECEPTACLE MATES WITH FOLLOWING PLUG HD36-18-6SX-XXXX (X= TYPE OF SEAL, XXXX= ALL MODIFICATIONS)

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

2. SEE TABLE FOR USABLE WIRE RANGE AND INSULATION RANGES:

7. MATERIAL:  
 RECEPTACLE HOUSING: AL 6000 SERIES  
 SWAGE RING: PA 15%GF (GREEN FOR N-SEAL, BLUE FOR E-SEAL)  
 GROMMET: SILICONE VMQ (RED)

RECOMMENDED PANEL MOUNTING HOLE

5. SEAL	CONTACT SIZE	MIN. INSULATION O.D.	MAX. INSULATION O.D.	WIRE GAUGE AWG [mm <sup>2</sup> ]	6. RANGE
N	16	.100 [2.54]	.134 [3.40]	14-20 [2.0-0.5mm <sup>2</sup> ]	
E	16	.053 [1.35]	.120 [3.05]	14-20 [2.0-0.5mm <sup>2</sup> ]	
N OR E	4	.261 [6.63]	.292 [7.42]	6 [13mm <sup>2</sup> ]	

1. CONSULT FACTORY FOR ELECTRICAL AND MATERIAL SPECIFICATIONS.

NOTES:

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN X. SANCHEZ 27JUN2001	TE Connectivity	
DIMENSIONS: INCHES [mm]		CHK A. ROLINSKI 19JUL2001		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BEARD 01AUG2001	NAME RECEPTACLE CONNECTOR 18-6 ARR. BAYONET COUPLING	
0 PLC ±-		PRODUCT SPEC 0425-016-0000	SIZE A3	
1 PLC ±-		APPLICATION SPEC 0425-015-0000	CAGE CODE -	
2 PLC ±-		WEIGHT 50g	DRAWING NO. C=HD34-18-6PX	
3 PLC ±.010 [0.254]		Customer Drawing	RESTRICTED TO -	
4 PLC ±-			SCALE 2:1	
ANGLES ±° 30' 0"			SHEET 1 OF 1	
FINISH -			REV AI	

1470-19 (3/11)