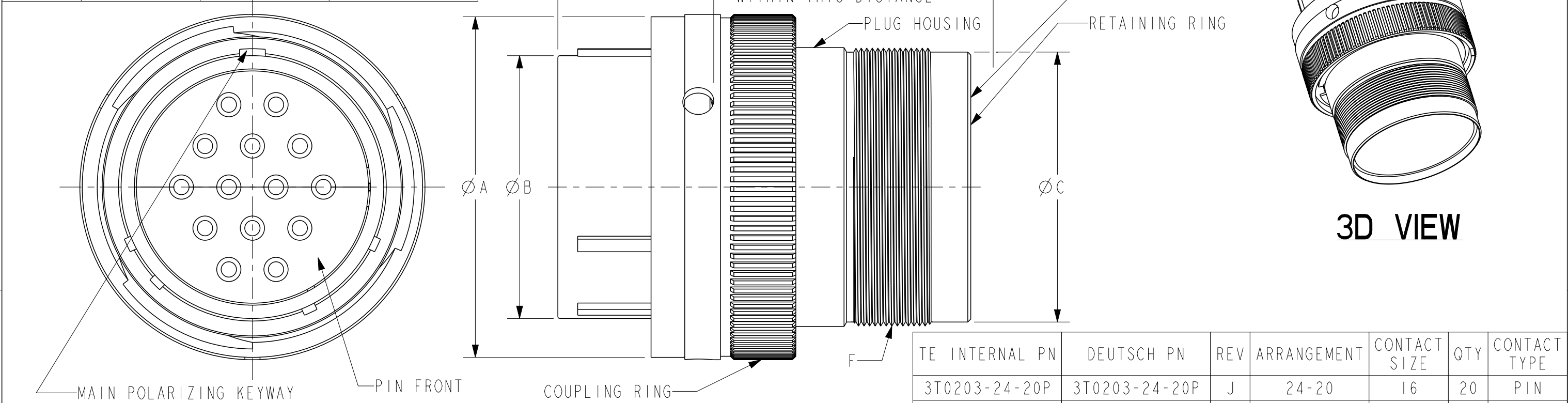


CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE [mm ²] REF ONLY
4	.280 [7.11]	.420 [10.67]	4 AWG [21.0]
8	.190 [4.83]	.240 [6.10]	8-10 AWG [8.0-5.0]
12	.134 [3.40]	.170 [4.32]	10-14 AWG [5.0-2.0]
16	.100 [2.54]	.134 [3.40]	14-20 AWG [2.0-0.5]

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER PCN E-17-018475	08DEC2017	CM	DM
	C	REVISED PER PCN E-18-018867	04DEC2018	AJ	DM



7. SEE PAGE 2 FOR CONTINUED NOTES.

6. PART NUMBER INFO:
XXXX = CATERPILLAR PART NO.
24/32 = PLUG SHELL SIZE
XX = ARRANGEMENT NO.

5. TOTAL DIMENSION WITH WIRE SEAL.

4. FOR CONTACTS AND WIRES PERFORMANCE AND APPLICATION CHARACTERISTICS SEE CUSTOMER DRAWING 4025-001-0000.

3. FOR ARRANGEMENT OF CONTACT LOCATION SEE CUSTOMER DRAWING 4025-006-0000.

2. PLUG IS SUPPLIED WITH DUST CAP PN 6VI824 (SIZE 24), AND 5P8922 (SIZE 32) (NOT SHOWN).

1. CONSULT THE FACTORY FOR ELECTRICAL AND MATERIAL SPECIFICATIONS.

NOTES:

TE INTERNAL PN	DEUTSCH PN	REV	ARRANGEMENT	CONTACT SIZE	QTY	CONTACT TYPE
3T0203-24-20P	3T0203-24-20P	J	24-20	16	20	PIN
3T3044-32-25P	3T3044-32-25P	J	32-25	4 8 12 16	2 3 4 16	PIN
3T3412-32-37P	3T3412-32-37P	J	32-37	16	37	PIN

PART NUMBER	SIZE	ØA REF [mm]	ØB [mm]	ØC [mm]	D [mm]	E REF [mm]	F THREAD
3TXXXX-24-XXS/P	24	Ø1.716 [43.59]	Ø1.325 [33.66]	Ø1.368 [34.75]	.780 [19.81]	2.195 [55.75]	1.4375-18UNEF-2A MODIFIED
3TXXXX-32-XXS/P	32	Ø2.380 [60.45]	Ø1.915 [48.64]	Ø1.925 [48.90]	.780 [19.81]	2.195 [55.75]	2.000-18UNS-2A MODIFIED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
in [mm]

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±.025 [.64]
4 PLC	±
ANGLES	±0°30'0"

FINISH

DWN
A. MALAGON
CHK
R. MILLIGAN
APVD
S. BEARD
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

06JAN2010
14JUL2010
14JUL2010
-
-
-

CUSTOMER DRAWING

TE Connectivity

NAME
PLUG CONNECTOR
SHELL SIZE 24 AND 32
C.E. SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	4AFU8	3TXXXX-24/32-XXS/P	

SCALE	SHEET	OF	REV
1:1	1	2	C

1470-19 (3/13)

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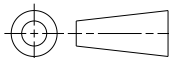
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

10. ENDBELL MOUNTING TORQUE:
- SIZE 24
124 ± 17.7 in-lbf [14 ± 2 Nm]
 - SIZE 32
159.31 ± 35.4 in-lbf [18 ± 4 Nm]

9. PLATING: CLEAR TRIVALENT CHROMATE CONVERSION COATING (ROHS COMPLIANT).

8. MATERIAL:
PLUG HOUSING: AL 6000 SERIES
COUPLING RING: AL 6000 SERIES
RETAINING RING: PA66 GF10 (GREEN)
PIN FRONT: PA66 GF (BLACK)
GROMMET: VMQ (RED-ORANGE)

NOTES: (CONTINUED)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. MALAGON	06 JAN 2010	 TE Connectivity		
DIMENSIONS: in [mm]		CHK R. MILLIGAN	14 JUL 2010			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BEARD	14 JUL 2010	NAME PLUG CONNECTOR SHELL SIZE 24 AND 32 C.E. SERIES	
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±.025 [.64] 4 PLC ±		PRODUCT SPEC -			
	ANGLES ± ±0° 30 '0"		APPLICATION SPEC -			
MATERIAL	FINISH		WEIGHT		SIZE A 3	CAGE CODE 4AFU8
				DRAWING NO C-3TXXXX-24/32-XXS/P		RESTRICTED TO
CUSTOMER DRAWING				SCALE 1:1	SHEET 2 OF 2	REV C