

S TYP

R1 TYP

R2 TYP

4X P

4X PP

RED FULLY MATED
INDICATOR BAND REF

R

V

W

TE PART NUMBER

66548 X X XX X X XX

GROUNDING CODE

KEYING POSITION
N = NORMAL, A, B, C, D OR E

CONTACT STYLE
P = PIN

INSERT ARRANGEMENT

SHELL SIZE CODE

CLASS W = OLIVE DRAB CADMIUM
Z = BLACK ZINC NICKEL

BASIC IDENTIFIER

SPECIAL SERIES DTS SQUARE FLANGE RECEPTACLE
WITH GROUNDED CONTACTS

AgustaWestland PART NUMBER

AW003VF XX X X X

KEYING POSITION
N = NORMAL, A, B, C, D OR E

CONTACT STYLE
P = PIN

CLASS W = OLIVE DRAB CADMIUM
Z = BLACK ZINC NICKEL

BUSSING CODE

BASIC IDENTIFIER

TE PART NUMBER	AGUSTAWESTLAND PART NUMBER	SHELL SIZE CODE	GROUNDING CODE	P ±.003	PP ± .003	R±.002	R1	R2	S ± .011	V ±.005	W ±.008	WEIGHT (g)
66548XG41PX01	AW003VF01XPX	G(21)	01	.132	.198	1.362	1.250	1.156	1.564	.776	.155	38
66548XH55PX02	AW003VF02XPX	H(23)	02	.158	.246	1.495	1.375	1.250	1.690	.775	.155	45
66548XE26PX03	AW003VF03XPX	E(17)	03	.132	.198	1.182	1.062	.969	1.314	.776	.155	29
66548XH53PX04	AW003VF04XPX	H(23)	04	.158	.246	1.495	1.375	1.250	1.690	.775	.155	45
66548XA35PX05	AW003VF05XPX	A(9)	05	.132	.220	.620	.719	.594	.935	.776	.155	11
66548XB02PX06	AW003VF06XPX	B(11)	06	.132	.198	.745	.812	.719	1.030	.776	.155	14
66548XD15PX07	AW003VF07XPX	D(15)	07	.132	.177	.995	.969	.906	1.221	.776	.155	22
66548XF28PX08	AW003VF08XPX	F(19)	08	.132	.198	1.245	1.156	1.062	1.440	.776	.155	32
66548XC35PX12	AW003VF12XPX	C(13)	12	.132	.198	.870	.906	.812	1.127	.776	.155	18
66548XD19PX13	AW003VF13XPX	D(15)	13	.132	.177	.995	.969	.906	1.221	.776	.155	22
66548XB35PX17	AW003VF17XPX	B(11)	17	.132	.198	.745	.812	.719	1.030	.776	.155	14
66548XD97PX18	AW003VF18XPX	D(15)	18	.132	.177	.995	.969	.906	1.221	.776	.155	22

5. CONNECTOR IS DESIGNED TO MEET AGUSTA WESTLAND DOCUMENT NO. AW003VF.

4. FOR APPLICABLE KEYING DIAGRAM, SEE MIL-DTL-38999, FOR INSERT ARRANGEMENTS, SEE MIL-STD-1560. CONSULT FACTORY FOR AVAILABILITY.

3. GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE INTERMATEABILITY AND APPLICABLE PERFORMANCE REQUIREMENTS OF MIL-DTL-38999, SERIES III

2

MATERIAL / FINISH: SHELL - ALUMINUM ALLOY, PLATING PER PART NUMBER EXAMPLE.
CONTACTS - COPPER ALLOY, 50 μIN MIN GOLD OVER NICKEL
RESILIENT INSERTS - SILICONE ELASTOMER

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

THIS DOCUMENT IS UNDER CONFIGURATION CONTROL AND IS NOT TO BE CHANGED WITHOUT AUTHORIZATION BY AGUSTA WESTLAND

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

MATERIAL

2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.02

2 PLC ±.005

3 PLC ±.0005

4 PLC ANGLES ±

FINISH

2

DWN
A. TSANG

CHK
-

APVD
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

14APR2015

TE Connectivity

NAME
CONNECTOR, RECEPTACLE
38999 SERIES III
GROUNDED

SIZE
A2

CAGE CODE
-

DRAWING NO
66548XXXXXXX

RESTRICTED TO
-

SCALE
2:1

SHEET
1 OF 1

REV
A

1471-9 (3/13)