

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

170410

© COPYRIGHT 170410

BY -TYCO ELECTRONICS

ALL RIGHTS RESERVED.

PROPERTY OF TE CONNECTIVITY

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES (TE). IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TE PERSONNEL, WITHOUT AUTHORIZATION FROM TE (www.TE.com)

SHELL SIZE	A±.004	B±.010	C REF.	R1	R2	Q ±.004 -.002	QQ ±.004 -.002
15	.694	.594	1.224	.969	.906	.133	.180
21	.662	.562	1.505	1.250	1.156	.133	.201

PART NUMBER	SHELL SIZE	P ±.004 -.002	PP ±.004 -.002	R1	R2	S±.011	T±.010	V±.010	W±.004	Ø X MAX.
59128MD-x xPx5SG	15	.128	.173	.969	.906	1.221	1.000	.785	.092	.905
59128MG-x xPx5SG	21	.128	.194	1.250	1.156	1.564	1.032	.785	.124	1.266

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER E.O. C5806	031031	AR	AR
	B	REVISED PER ECO-17-016852	171115	SS	MG

PART NUMBER BREAKDOWN

59128 M x - x x P x 5 S G

CONTACT REAR PLATING G=GOLD

CONTACT REAR DIAMETER S=STANDARD

CONTACT LENGTH

KEYING POSITION N,A,B,C,D or E

CONTACT P=PIN

SHELL SIZE AND INSERT ARRANGEMENT D-35, G-35 OR G-16

PLATING M=NICKEL

BASIC IDENTIFIER BOX MOUNT CONNECTOR MODIFIED TOLERANCE

CONTACTS

SIZE 22D

SIZE 16

REAR DIAM.

.030±.002

.062±.002

PIN PROTECTOR

CONTACT REAR DIAMETER

Ø .030±.002

ARR 15-35 AND 21-35

Ø .062±.002

ARR 21-16

STANDOFF INSTALLED

.119 REF.

2XR1

2XR2

2X S

4X PP

4X P

RED FULL MATED INDICATOR BAND REF.

59128MD-35PN5SG

T

V

W

Ø X

.813±.020 SIZE 15

.781±.020 SIZE 21

8X FULL R.

2XR1

2XR2

C REF.

.060 WALL TYP.

4X Q

4X QQ

STANDOFF

A

B

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

3. GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE INTERMATEABILITY REQUIREMENTS OF MIL-DTL-38999, SERIES III, FROM THE MOUNTING FLANGE FORWARD.

2. MATERIAL/FINISH: SHELL - COMPOSITE / PLATED. CONTACTS - COPPER ALLOY / GOLD PLATED. RESILIENT INSERTS AND PIN PROTECTOR - SILICONE ELASTOMER. PLASTIC INSERTS AND STANDOFF - THERMOPLASTIC.

1. ALL DIMENSIONS ARE IN INCHES.

NOTES: UNLESS OTHERWISE SPECIFIED.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN A. RASMUSSEN 030707

CHK S. WHITACRE 030725

APVD A. RENGIFO 031031

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.01

2 PLC ±.005

3 PLC ±.0005

4 PLC ANGLES ±.5°

MATERIAL SEE NOTES

FINISH SEE NOTES

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME CONNECTOR, RECEPTACLE SQUARE FLANGE MOUNT, CIRCUIT BOARD MOUNT, ACTBO TYPE SERIES W/SUPPLIED STANDOFF

SIZE A2111139

CAGE CODE C=59128Mx-x xPx5SG

DRAWING NO

RESTRICTED TO

SCALE 1:1

SHEET 1 OF 1

REV B