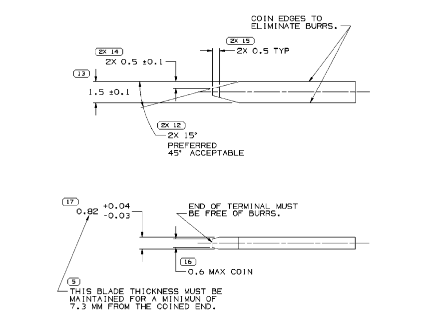


MATING TERMINAL INFORMATION
SCALE 10:1

RECOMMENDED MATERIAL:
P-1546 (CA210) EXTRA SPRING TEMPER-TIN PLATED BRASS

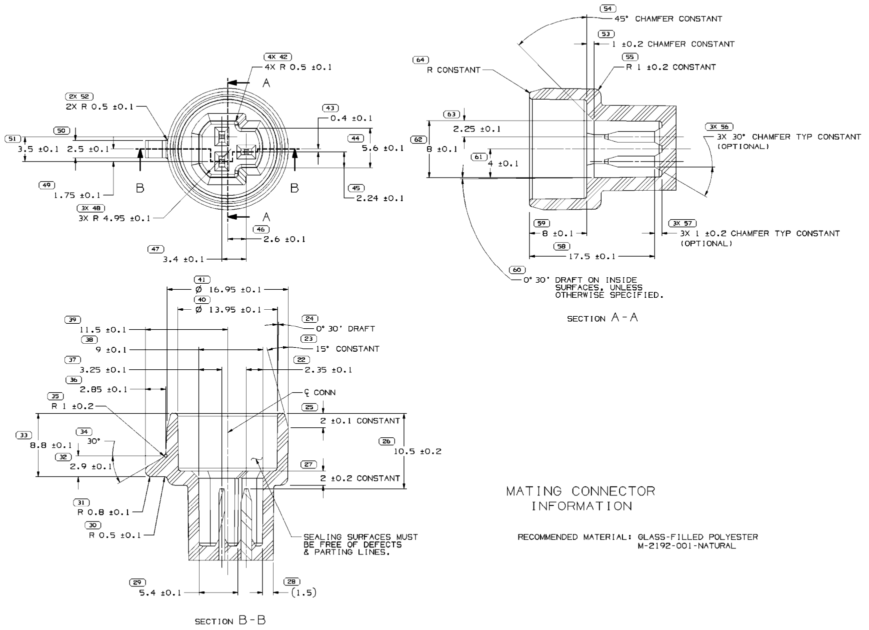
PLATING THICKNESS: 0.005-0.003 MM

TENSILE STRENGTH: 480-430 MPa

INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY

SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	77	NO MISSING SYMBOL NUMBER
	LAST NO. USED	64	

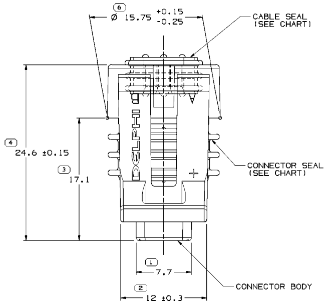
DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
31OC02	R	01	-	-		CLEARED REVISION COLUMN, REDRAWN TO PD & 15452173 - RELEASED	232301	ECB	JVM	MDB
06OC11	R	02	-	-		ALL PARTS - CREATED APPLICATION DATA	415663	CBG	CBG	GEM
03JA14	R	03	-	-		ALL PARTS - ADDED LUBEWELL LUBRICANT NOTE	424997	JVR	JVM	KRM

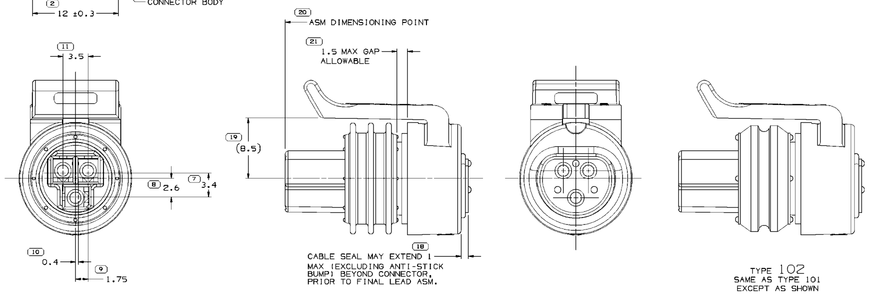


MATING CONNECTOR INFORMATION

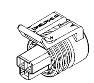
RECOMMENDED MATERIAL: GLASS-FILLED POLYESTER M-2192-001-NATURAL

INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY





TYPE 101



NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
3. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT
4. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT: CAVITIES TO ACCEPT 12047680 TERMINAL.
5. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT END OF CABLE CORE IS 10.15/7.05.
6. FOR PART NUMBERS WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.
7. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
8. S-60-T LUBEWELL LUBRICANT CAN BE USED AS AN AUXILIARY SUPPORT ON THE CABLE INSTALLATION PROCESS.

PART NO. WITH ADHESIVE	REV	N/P	PART NO. WITHOUT ADHESIVE	REV	N/P	TYPE	CONNECTOR	CONNECTOR SEAL	CABLE SEAL & COLOR
		-	15452173	01	AB	102	12065286	15439078	12065285 - RED
12186689	B3	-	12186827	A3	-	101	12065286	12186821	12110072 - TAN
		-	12162226	C3	-	101	12162225	12052893	12078089 - PURPLE
		-	12110192	B3	-	101	12065286	12052893	12110072 - TAN
		-	12078090	C3	-	101	12065286	12052893	12078089 - PURPLE
		-	12065287	B3	-	101	12065286	12052893	12065285 - RED

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)									CHART E1
FROM / TO	> 0 / 20	> 20 / 30	> 30 / 70	> 70 / 100	>100 / 150	>150 / 200	>200 / 250	>250 / 300	>300 / 400
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

ANGULAR TOLERANCE ±2°

DWG TYPE: PART DRAWING

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

DELPHI

DELPHI CORPORATION
TROY, MI 48098

COPYRIGHT 1987 DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED 2014
THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.

		DATE
DR		
APVD1	J. REEVES	21DE87
APVD2	T. MUDREY	05JA88
APVD3	R. CANNATTI	06JA88
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN F M/P 150 SLD

DRAWING NUMBER: 12078088

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	03	-