



161 Alden Road, Units 7 & 8, Markham, Ontario Canada L3R 3W7

Tel: +1 416 754-3322

Fax: +1 416-754-3299

Email: info@edac.net

http://www.edac.net

ENGINEERING CHANGE NOTICE

Originator: Phone No.: Email Address: Department	SHARAN GADE	Date:	Document Number
	(416) 754-3322	February 24, 2022	ECN20220224-00
	Sgade@edac.net	Revision Number	SHEET
	ENGINEERING	1	1 of 3

CHANGE TYPE

- CLASS I** Customer notification and approval required prior to implementation
- CLASS II** Customer notification only, no approval required
- CLASS III** No customer notification required

REASON OF CHANGE

New Tooling implemented for P/N's- 690-005-299-043, 690-005-299-143

DESCRIPTION OF CHANGE:

1. Old tooling has worn out and need to be replaced by standard tooling.

Old Drawing	New Drawing

2. Effective implementation to distribution is on February 24, 2022

Note:- There is no any change in form, fit and function.

PARTIES AFFECTED

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Customer | <input type="checkbox"/> NORCOMP | <input checked="" type="checkbox"/> ECA |
| <input checked="" type="checkbox"/> Distributors | <input type="checkbox"/> MH | <input checked="" type="checkbox"/> EDG |
| <input type="checkbox"/> Suppliers | <input checked="" type="checkbox"/> ETW | <input checked="" type="checkbox"/> EDAC UK |

KEY TARGET DUE DATES IF CHANGE IS APPROVED TO PROCEED (check if applicable and show target dates as known)

- | | | | |
|--|-------|--|-------|
| <input type="checkbox"/> Submit Quote | _____ | <input type="checkbox"/> PPAP from Supplier | _____ |
| <input type="checkbox"/> Prod. Trial Run | _____ | <input type="checkbox"/> MRD of Production Parts | _____ |
| <input type="checkbox"/> Run at Rate | _____ | | |

ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)

Tooling Rep	_____	Process Eng Rep	_____
Mfg Eng Rep	_____	Facilities Rep	_____
Production Rep	_____	Sales Rep.	_____
Materials Rep	_____	Product Eng. Rep.	_____
Quality Rep	_____	Purchasing Rep	_____

STATUS

APPROVED

CCS CHANGE REQUEST #

APPROVALS FOR ECN INITIATION (REQUIRED)

<input type="checkbox"/> <input type="checkbox"/>	President	<input type="checkbox"/> <input checked="" type="checkbox"/>	Engineering Manager	Ronnie Sta. Monica
<input type="checkbox"/> <input checked="" type="checkbox"/>	Vice President	<input type="checkbox"/> <input type="checkbox"/>	Mechanical Engineer	Sharan Gade
	Bob Sakitkovski			

MINIMUM OF TWO SIGNATURES REQUIRED

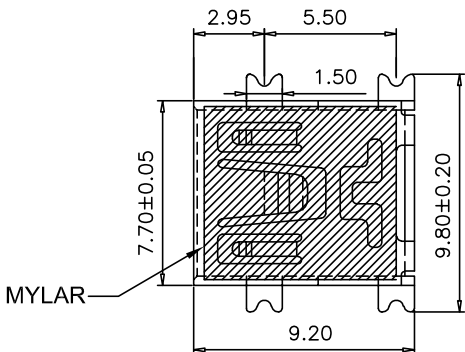
REJECTED

Change REJECTED by:

Rejected Date:

TOLERANCE
UNLESS OTHERWISE
SPECIFIED
.XX ±0.30

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



SPECIFICATIONS:

MATERIALS:

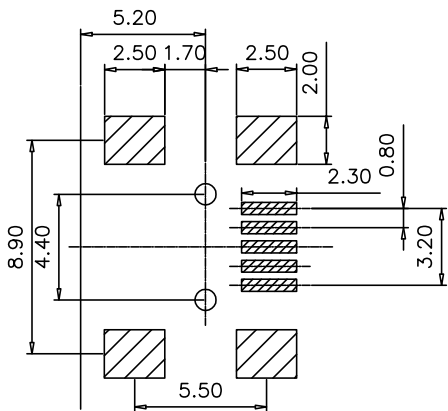
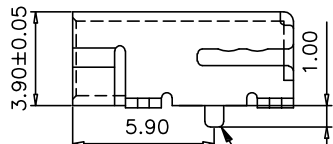
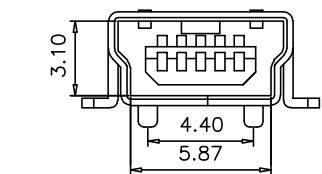
1. HOUSING: THERMOPLASTIC, LCP, BLACK COLOR.
2. SHELL: COPPER ALLOY C2680, NICKEL PLATING
3. CONTACT: COPPER ALLOY C2680/C5191
GOLD PLATED ON CONTACT AREA
TIN PLATED ON TAIL OVER NICKEL UNDER PLATING.

ELECTRICAL:

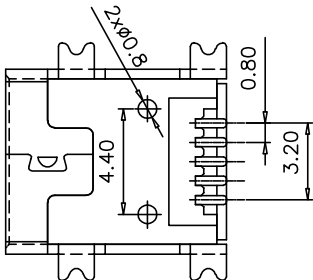
1. CURRENT RATING: 1 A
2. DIELECTRIC WITHSTANDING-VOLTAGE: 300 V AC AT SEA LEVEL
3. CONTACT RESISTANCE: 50 mOHMs MAX.
4. INSULATION RESISTANCE: 100 MEGA OHMS MIN.

PLATING OPTIONS
GOLD FLASH
30 MICRINCHES

PART NUMBER
690-005-299-043
690-005-699-043



RECOMMENDED PCB LAYOUT



ISSUE NUMBER	
DRAWING UPDATED NEW TOOLING	
N.SONDH	JAN.27/15 (4)
PIN NO'S ADDED F.BRIONES	JAN.28/15 (5)
SOLDERING TEMP. ETC. ADDING	F.BRIONES JUL.29/15 (6)
ADD TAPE & REEL INFORMATION	R.STA.MONICA AUG.18/2015 (7)
UPDATE DWG ADD MYLAR FILM	R.STA.MONICA NOV.17/2016 (8)
UPDATE DWG	J.TAN MAY.03/2017 (9)
CHANGE ORIENTATION OF PARTS ON REEL	P.M. NOV. 15/2019 (10)
ADD "TRANSPARENT COLOR" NOTE ON TAPE & REEL SPECS DWG	P.M. JUNE 24/2020 (11)
3.90 WAS 3.70, 1.00 WAS 0.81, 9.80 WAS 9.25, UPDATE SPECIFICATIONS, UPDATE TOLERANCE TABLE, UPDATE PACKAGING DRAWING	J.L. FEB. 23/2022 (12)

5 PIN MINI USB-B RIGHT ANGLE SURFACE MOUNT

ACAD REFERENCE NO.	690-005-299-043	
DRAWN:	N.SONDH	DATE: JAN.27/15
CHECKED:	R.S.M.	DATE: FEB.23/22
SCALE: (IN C.A.D. 1:1)	SHEET 1 OF 2	
DRAWING NUMBER	690-005-299-043	ISSUE 12

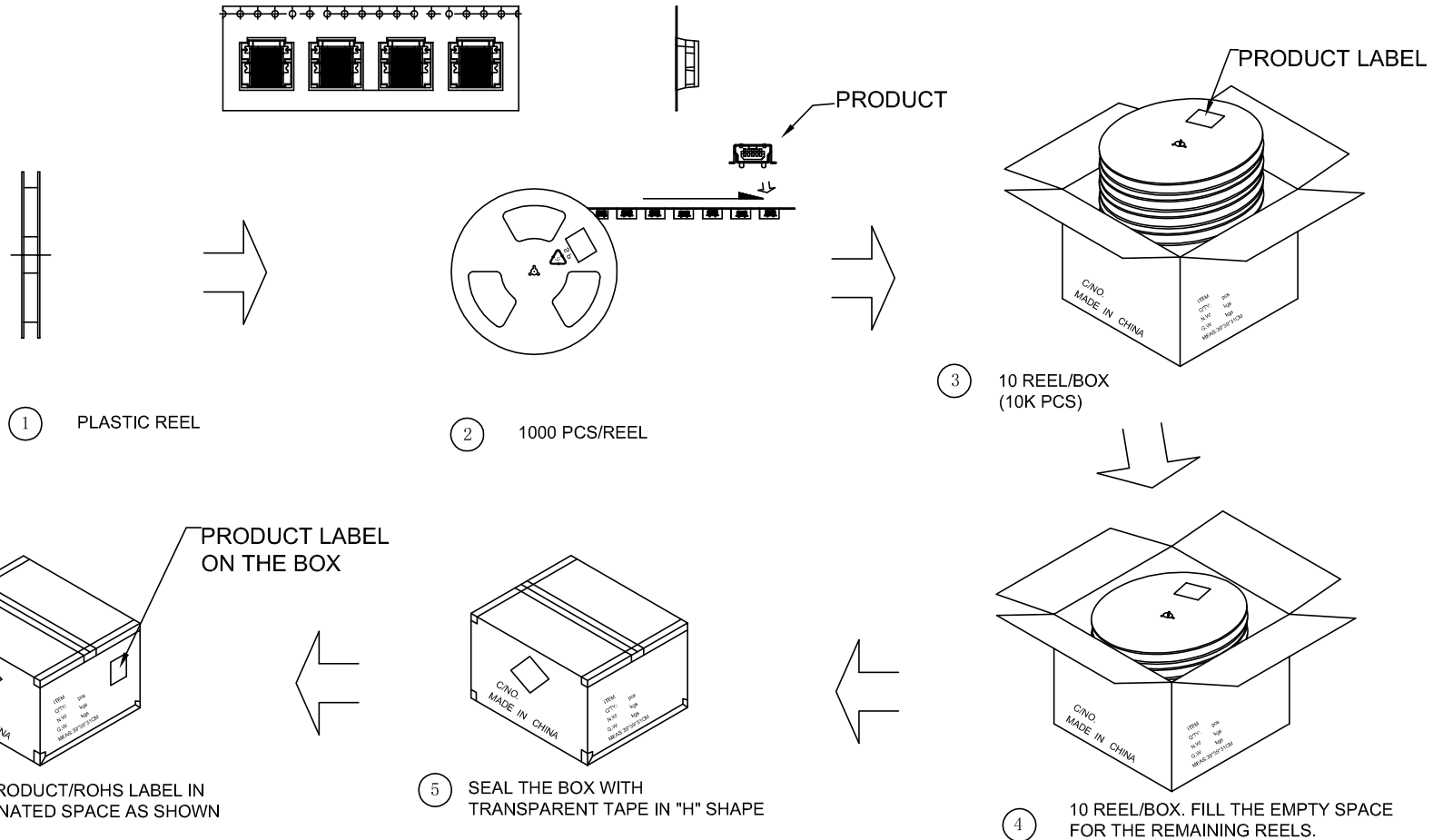


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NOTE: ALL DIMENSIONS ARE IN MM

5 PIN MINI USB-B RIGHT ANGLE SURFACE MOUNT TAPE AND REEL SPECS



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ACAD REFERENCE NO.	690-005-299-043	
DRAWN: R.STA.MONICA	DATE: AUG.18/15	
CHECKED: R.S.M.	DATE: FEB.23/22	
SCALE: (IN C.A.D. 1:1)	SHEET 2 OF 2	
DRAWING NUMBER	690-005-299-043	ISSUE 12